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OLDS' CATALOG

35TH Year

1922

1922

Seeds
Bulbs
Plants
Seed
Potatoes

Garden
Tools
Poultry
Supplies
Insecticides



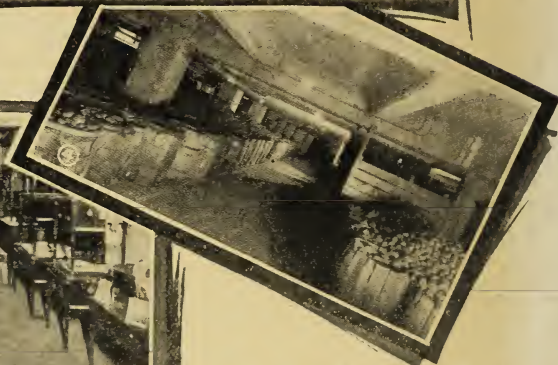
WISCONSIN PEDIGREE
No. 7 OATS

SEE PAGE 7



Olds' Catalog Tells The Truth

Farm and Garden Seeds
L.L. Olds Seed Company, Madison, Wis.



1. The Olds Building, Madison.
2. Part of Our Working Force.
3. The Local Store.
4. View in the Potato Celler.
8. Section One Field Seed Floor.

MANAGER'S PERSONAL GREETING.

Madison, Wis., Jan. 1, 1922.

Dear Customers and Prospective Customers:

This is my 35th year in the seed business. I issued my first catalog in 1888 from the old farm at Clinton, Wisconsin. It was a small affair, just a 4-page circular and offered nothing but seed potatoes. But it has gradually increased in size, other things being added from time to time and it has not missed a single year since that time. Our growth has been substantial.

Service, Truthfulness and Fair Dealing are things I have constantly emphasized and insisted upon and it is now a decided satisfaction to know that we hold the confidence of a host of good customers all over the country who come back for Olds' Seeds year after year because they know they can rely on the goods and on us.

You need not hesitate to entrust your orders to us. Dun and Bradstreet give us high ratings with first grade of credit and any bank will tell you that we are perfectly responsible. You can inquire about us if you wish of any of the leading farm papers of the country, as we have advertised with them for years and they know all about us. I wish also you would ask your neighbors who have dealt with us how well they were satisfied. I want you to know that you are absolutely safe in sending us your business, that what we send you will be just as represented, and that your interests will be fully protected in every way. Read our "Threefold Guarantee" printed on the next page.

For 22 years I have been a member of the American Seed Trade Association, an organization that stands for "business integrity, purity of stocks, honesty of representation, carefulness of obligations and promptness in execution." These things mean a great deal to me and those associated with me. We are proud of our connection with such an organization.

Now in regard to prices. I know perfectly well what farmers are up against this year. I do not need to dwell on that. Even for things as fundamentally necessary as good seeds every dollar must go as far as possible. We have taken this into account in fixing our prices this year, and they are made out on the basis of smaller profits than heretofore. Some things we will actually sell at a loss, because of decline in values since contracts were made. I am sure our prices are right and as low as it is possible to make them considering quality. The prices are materially lower than last year and very much lower than two years ago, and it seems to me this is the year the farmers should strain every nerve to secure the best seed possible, not only because the farms need it so much but because the prices are so attractive. Good seeds should prove a splendid investment.

Prices of farm produce are at the bottom now. They will surely be higher. Let us help you to produce the best crops possible this season by furnishing you the best seeds. Thanking you sincerely for your patronage in the past and wishing you success for 1922. I remain,

Yours very truly,

L. L. Olds, President and General Manager,

L. L. OLDS' SEED COMPANY.



WHAT YOU WILL FIND IN THIS CATALOG

(Complete Index on Page 96.)

CLOVER AND ALFALFA. Pages 2-5. American grown seed, the best obtainable, of Medium and Mammoth Clover, Alsike, Sweet Clover, including the new Hubam, Grimm and Common Alfalfa. Samples furnished free.

TIMOTHY AND OTHER GRASSES, LAWN GRASS. Pages 6 and 7. Our Timothy Seed is Wisconsin, Minnesota and Iowa grown. Ask for samples. We offer the best grades of Red Top, Kentucky Blue Grass and other grasses and specialize in high grade Lawn Mixtures.

SEED OATS. Pages 8-10. The Wisconsin Pedigree varieties are the best varieties of oats. We have splendid stock to offer of those and of others.

SEE POTATOES. Pages 11-15. Choice Seed Potatoes have been our specialty from the start 35 years ago.

SEED CORN. Pages 16-19. Adapted varieties, the finest stock ever offered.

SEED BARLEY, SPELTZ, WHEAT, RYE AND BUCKWHEAT. Pages 20-23. The best for the north of all the different small grains.

SOY BEANS, MILLET, RAPE, SUDAN GRASS. Pages 24-27. Everything in the line of Forage Plants.

VEGETABLE SEEDS. Pages 28-67. A very complete list of all kinds of vegetables. All of our seed is carefully grown and fully tested. No firm has any better Garden Seeds. Do not overlook our "Dollar Collection."

FLOWER SEEDS. Pages 68-76. Nine illustrated pages arranged in alphabetical order of the hardiest and most valuable flowers.

PLANTS AND BULBS. Pages 77-85. Hardy ornamental shrubs, plants and vines, dahlias, gladioli, bulbs, and vegetable plants.

FRUIT TREES AND SMALL FRUITS. Pages 86 and 87. Apple, plum, cherry and pear trees, strawberry and raspberry plants.

TOOLS, FERTILIZERS, INSECTICIDES AND POULTRY SUPPLIES. Pages 88-96. A large assortment of farm and garden tools and requisites of all kinds and a full line of poultry feeds and supplies.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in the catalog in making out your order and retain a copy of the order. If you have occasion later on to write us about the order give post-office address under which it was mailed. Orders are filed by post offices, so if you give a different post-office address in writing it is difficult for us to find the order.

WE ACKNOWLEDGE ORDERS when received unless the order, or some part of it, is to be sent at once or within a day or so. If any part is mailed right out that answers as an acknowledgment or if goods can be sent at once or very soon by freight or express we send acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Chicago, Milwaukee and St. Paul and Illinois Central. **CUSTOMERS PAY TRANSPORTATION CHARGES** on all goods unless offered postpaid. Small shipments will be sent by express. There are special express rates on seeds, in the main, 25 per cent less than the merchandise rate.

NO CHARGE FOR PACKING OR CARTAGE. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office. All express rates have been reduced since the Parcel Post law went into effect.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. **SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping is left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will accept personal checks at face value. They look good to us. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1922. (NO WAR TAX NOW.)

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots.

(Potatoes, Garden Seeds, Clovers and Grass Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)
(As our catalog goes to press there is still a prospect of a general reduction in freight rates to take effect soon.)

	3rd.	4th		3rd.	4th.		3rd.	4th.		3rd.	4th.
Antigo, Wis.....	\$0.54	\$0.40	Wisconsin Rapids, W.	.41	.31	Yankton, S. D.....	.86	.63	Oklahoma City, Okla.	1.81	1.47
Ashland, Wis.....	.69	.43	Aurora, Ill.....	.45	.33	Bismarck, N. D.....	1.81	1.30	Dallas, Texas.....	1.96	1.79
Baraboo, Wis.....	.24	.18	Bloomington, Ill.....	.54	.40	Bigo, N. D.....	1.30	.98	Fort Worth, Texas.....	1.96	1.79
Beaumont, Wis.....	.31	.23	Champaign, Ill.....	.59	.43	Grand Forks, N. D.....	1.40	1.00	Houston, Texas.....	1.96	1.79
Beloit, Wis.....	.26	.19	Chicago, Ill.....	.45	.33	Jamestown, N. D.....	1.64	1.17	San Antonio, Texas.....	1.96	1.79
Chippewa Falls, Wis.	.51	.38	Danville, Ill.....	.59	.44	Williston, N. D.....	2.29	1.67	Denver, Colo.....	1.85	1.44
Clinton J. Wis.....	.27	.21	Decatur, Ill.....	.57	.43	Beatrice, Neb.....	.90	.68	Cheyenne, Wyo.....	1.85	1.44
Clintonville, Wis.....	.26	.19	Elgin, Ill.....	.42	.31	Fairbury, Neb.....	1.18	.90	Billings, Mont.....	2.82	2.26
Eau Claire, Wis.....	.50	.38	Freeport, Ill.....	.35	.26	Fremont, Neb.....	.83	.61	Helena, Mont.....	3.08	2.48
Elroy, Wis.....	.31	.23	Galesburg, Ill.....	.54	.40	Hastings, Neb.....	1.31	1.02	Miles City, Mont.....	2.58	1.96
Evansville, Wis.....	.21	.16	Jacksonville, Ill.....	.60	.45	Lincoln, Neb.....	.83	.61	Seattle, Wash.....	4.08	3.45
Fond du Lac, Wis.....	.34	.25	Joliet, Ill.....	.45	.33	Omaha, Neb.....	.79	.56	Spokane, Wash.....	3.48	2.92
Ft. Atkinson, Wis.....	.25	.19	La Salle, Ill.....	.47	.35	Hannibal, Mo.....	.63	.47	Portland, Ore.....	4.08	3.45
Green Bay, Wis.....	.46	.34	Peoria, Ill.....	.55	.41	Kansas City, Mo.....	.76	.54	Ogden, Utah.....	3.08	2.48
Janesville, Wis.....	.24	.18	Quincy, Ill.....	.62	.47	St. Joseph, Mo.....	.76	.54	Salt Lake City, Utah	3.08	2.48
Jefferson, Wis.....	.24	.18	Rockford, Ill.....	.37	.28	St. Louis, Mo.....	.66	.49	Los Angeles, Cal.....	4.08	3.45
La Crosse, Wis.....	.42	.31	Rock Island, Ill.....	.51	.38	Springfield, Mo.....	.84	.63	San Francisco, Cal.....	4.08	3.45
Lake Geneva, Wis.....	.40	.30	Springfield, Ill.....	.59	.44	Elkhart, Ind.....	.76	.55	New Orleans, La.....	1.66	1.43
Lake Mills, Wis.....	.22	.17	Woodstock, Ill.....	.38	.28	Fort Wayne, Ind.....	.80	.59	Phoenix, Ariz.....	3.48	2.92
Lodi, Wis.....	.24	.18	Waukegan, Ill.....	.57	.43	Indianapolis, Ind.....	.66	.49	Bolse, Ind.....	1.02	.75
Lone Rock, Wis.....	.25	.19	Cedar Rapids, Ia.....	.52	.39	South Bend, Ind.....	.73	.54	Reno, Nev.....	3.48	2.92
Mauston, Wis.....	.31	.23	Clinton, Ia.....	.43	.33	Terre Haute, Ind.....	.84	.62	Santa Fe, N. M.....	2.50	2.08
Mazomanie, Wis.....	.21	.16	Davenport, Ia.....	.51	.38	Vincennes, Ind.....	.89	.66	Albany, N. Y.....	1.26	.88
Middleton, Wis.....	.17	.15	Des Moines, Ia.....	.61	.46	Cleveland, Ohio.....	.94	.70	Buffalo, N. Y.....	1.02	.75
Milwaukee, Wis.....	.34	.25	Dubuque, Ia.....	.46	.34	Columbus, Ohio.....	.94	.69	Rapid, N. Y.....	1.31	.92
Monroe, Wis.....	.31	.23	Fort Dodge, Ia.....	.63	.44	Dayton, Ohio.....	.91	.66	Rochester, N. Y.....	1.02	.75
Mt. Horeb, Wis.....	.21	.16	Marshalltown, Ia.....	.59	.44	Toledo, Ohio.....	.89	.66	Syracuse, N. Y.....	1.10	.77
Oshkosh, Wis.....	.38	.28	Ottumwa, Ia.....	.56	.42	Youngstown, Ohio.....	1.00	.73	Erie, Pa.....	1.02	.75
Platteville, Wis.....	.34	.25	Shenandoah, Ia.....	.76	.54	Calumet, Mich.....	.98	.66	Harrisburg, Pa.....	1.28	.89
Plymouth, Wis.....	.40	.30	St. Charles, Ia.....	.76	.54	Detroit, Mich.....	.89	.67	Philadelphia, Pa.....	1.26	.90
Portage, Wis.....	.24	.18	Waterloo, Ia.....	.57	.42	Grand Rapids, Mich.....	.82	.60	Pittsburg, Pa.....	1.03	.76
Racine, Wis.....	.36	.27	Duluth, Minn.....	.74	.52	Kalamazoo, Mich.....	.80	.59	Scranton, Pa.....	1.29	.90
Reedsburg, Wis.....	.27	.21	Faribault, Minn.....	.67	.44	Lansing, Mich.....	.89	.66	Hartford, Conn.....	1.36	.96
Rhinelander, Wis.....	.61	.40	Mankato, Minn.....	.73	.46	Port Huron, Mich.....	.94	.68	Wilmington, Del.....	1.29	.90
Shiocton, Wis.....	.42	.31	Red Wing, Minn.....	.67	.44	Saginaw, Mich.....	.90	.66	Bangor, Me.....	1.36	.96
Sparta, Wis.....	.38	.28	St. Cloud, Minn.....	.88	.71	Marquette, Mich.....	.67	.47	Concord, N. H.....	1.36	.96
Stevens Point, Wis.....	.56	.42	St. Paul, Minn.....	.67	.44	Atchison, Kans.....	.76	.54	Northampton, N. Y.....	1.31	.92
Stoughton, Wis.....	.18	.15	Stillwater, Minn.....	.67	.44	Lawrence, Kans.....	.93	.70	Burlington, Vt.....	1.36	.96
Sun Prairie, Wis.....	.18	.15	Winona, Minn.....	.56	.39	Topeka, Kans.....	1.00	.73	Boston, Mass.....	1.36	.96
Superior, Wis.....	.67	.42	Aberdeen, S. D.....	1.13	.84	Wichita, Kans.....	1.45	1.10	Baltimore, Md.....	1.28	.89
Wauwatosa, Wis.....	.24	.18	Mitchell, S. D.....	1.08	.76	Fort Smith, Ark.....	1.47	1.17	Richmond, Va.....	1.28	.89
Waukesha, Wis.....	.25	.19	Pierre, S. D.....	1.31	.94	Little Rock, Ark.....	1.40	1.17	Richmond, Va.....	1.28	.89
Wausau, Wis.....	.48	.36	Stout Falls, S. D.....	.79	.56	Muskogee, Okla.....	1.52	1.17	Memphis, Tenn.....	1.44	1.16

OLDS' CLOVERS AND GRASSES



Field of Medium Red Clover in Full Bloom.

OLDS' CLOVER SEED.

Wisconsin is the Leading Producer of Clover Seed of all the States.

High grade, re-cleaned Clover seed is one of our specialties. There is no better clover seed than Wisconsin seed and Wisconsin is usually ahead of all other states in amount of clover seed produced. Wisconsin's total clover crop the past season according to the Government report was 201,000 bushels and only one state surpassed us, the state of Illinois with 204,000 bushels. Iowa had 200,000 bushels, Indiana 68,000 bushels only. The total for the entire United States was only 1,214,000 bushels as compared with 1,760,000 last year.



We therefore have 30 per cent less clover in this country than last year according to the Government estimate, which is probably high, with very little carry over of old seed. Furthermore much less clover is being imported from Europe than last year. It looks therefore, as if there would hardly be enough seed to meet the demand. Our advice is buy early. Do not wait. Prices now are reasonable. They are sure to be higher.

We use the utmost care in buying to keep clear of seed containing buckhorn and dodder. These two noxious weeds are very common in clover. We never handle European seed. It is pretty sure to contain buckhorn and dodder and much of it is not adapted to our conditions anyway. Right here we want to warn our customers against buying clover seed that has not been tested. Fortunately for the farmers we have a very stringent seed law here in Wisconsin.

Do not buy cheap untested clover seed. It is the worst kind of folly. You can do untold damage to your farm in a single season. Buy Olds' tested re-cleaned northern grown seed.

MEDIUM OR RED CLOVER.

Prices, by mail—Superb Brand (best grade): Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; 5 lbs., \$1.50; peck, \$4.10; bu. (60 lbs.), \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50. Old Gold Brand: Peck, \$3.95; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50. Choice Brand: Peck, \$3.50; bu., \$14.40; 100 lbs., \$24.00; 500 lbs. at \$23.50.

MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer.

Prices, Superb Brand, Old Gold Brand and Choice Brand, \$1.00 per hundred pounds higher than for same grades of Medium.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land. Prices of Alsike are exceptionally low this year as compared with Red Clover.

Prices, by mail—Superb Brand: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 5 lbs., \$1.25; peck, \$3.65; bu., (60 lbs.), \$13.50; 100 lbs., \$22.50; 500 lbs., at \$22.00. Old Gold Brand: Peck, \$3.50; bu., \$12.90; 100 lbs., \$21.50; 500 lbs., at \$21.00.

WHITE DUTCH CLOVER. Very fine for lawns. All our seed is Wisconsin grown.

Prices, Superb Brand—by mail: Lb., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.75; pk., \$7.50; bu. (60 lbs.), \$28.80; 100 lbs., \$48.00. Old Gold Brand: Pk., \$7.00; bu., \$25.80; 100 lbs., \$43.00.

Note: Prices named here are good until Feb. 1st only. After that Clover prices are strictly subject to change without notice. Ask for our "Weekly Price List."

Samples giving purity and germination tests, free on request. Bags extra at 30c.

Inoculation usually pays with all kinds of clover. See pages 3 and 5.

SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover is no longer an experiment. It has become a staple crop and is grown now in all sections. The seed this year is ridiculously low in price.

A few of the reasons why sweet clover is valuable:

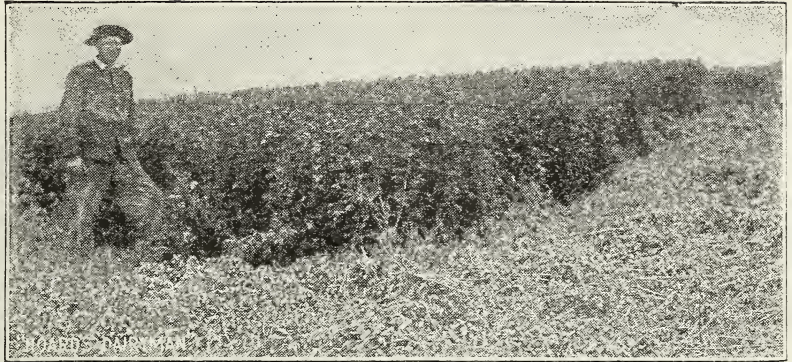
1. It grows readily on most all soils and location.
2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop.
3. Sweet Clover brings land up rapidly and fits it not only for alfalfa but for crops of all kinds.
4. It can be pastured while alfalfa cannot.
5. All stock relish it when once taught to eat it.
6. It makes a profitable hay crop, while the second crop may be harvested for seed.

Sow 15 to 20 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable. Hulled seed is preferable to unhulled as it germinates more readily. Scarifying the seed also makes it germinate better. We have a machine for scarifying and use it when needed. The seed should be inoculated for best results.

Prices: White Blossom, Hulled Seed, Superb Brand—By mail: Lb., 30c; 3 lbs., 80c. Freight: Lb., 25c; 5 lbs., \$1.00; pk., \$1.85; bu., (60 lbs.), \$6.60; 100 lbs., \$11.00; 500 lbs. at \$10.50.

Old Gold Brand: Pk., \$1.70; bu., \$6.00; 100 lbs., \$10.00; 500 lbs. at \$9.50.

Bags are extra at 30 cents each. Ask for "Weekly Price List" after February 1st. Also for samples giving tests.



This Field of Sweet Clover Yielded 5 Tons of Hay per Acre in One Cutting.

HUBAM SWEET CLOVER.

The Wonderful New Quick Growing Annual White Sweet Clover.

Hubam Sweet Clover was discovered at the Iowa Experiment Station in 1916 by Prof. H. D. Hughes, Chief of Farm Crops. The first year in comparison with other clovers at the Iowa Station it made a growth of 4½ feet, while Medium Red clover beside it under exactly the same conditions made a growth of only five inches and common sweet clover 14.

The great value of Hubam Sweet Clover lies in the fact that it makes such a heavy growth the same season it is sown. As the Rural New Yorker puts it "It does in one season what alfalfa or the old sweet clover requires two years for doing. It will make a faster and stronger growth than any other plant yet well tested in this country." It can be sown in the spring like any other clover and a full crop of seed harvested the same season. Or it can be cut earlier for hay and usually two crops of splendid hay can be secured the first season. If sown with grain it will make a heavy growth, 2½ to 3 feet, after the grain is taken off, and this makes the best kind of green manure to plow under.

As a Honey Crop Hubam is of greatest value as it begins to bloom two months after seeding and continues blossoming in profusion all summer long making the best clover honey. In fact when the ripe seed is ready for cutting in the fall new blossoms will be found on the same plant.

Culture. Sow with or without a nurse crop 10 to 15 pounds per acre. Or it can be sown in rows and cultivated and that way 3 or 4 pounds will seed an acre. Spring is the best time for sowing but Hubam can be sown in the fall the same as other sweet clover. The seed we offer is genuine Hubam, certified and scarified and all northern grown. Part of our stock was grown on the University of Wisconsin farm here at Madison.

PRICES OF HUBAM SWEET CLOVER FOR 1922.

By mail: oz. pkt., 20c; ¼ lb., 50c; lb., \$1.55. By freight: lb., \$1.50; 5 lbs., \$6.00; pk., \$16.00; bu., \$60.00; 100 lbs., \$100.00. (Special price in large quantity.) (Do not ask for a free sample of Hubam. Order an ounce and you may deduct the 20 cents from the next order for Hubam.)

The Improved Soil Inoculator, Nobb-Hiltner Process

NITRAGIN

TRADE MARK REG. D. DEC. 6 1898 NO. 17212

Restores and Maintains Soil Fertility

Alfalfa, clovers, soybeans, vetches, peas, beans, cowpeas, and other legumes should always be inoculated. The lack of necessary bacteria in the soil is often the cause of a poor legume crop—a weak start—or a total failure.

A GREAT PRICE REDUCTION.

NITRAGIN COSTS LESS. Nitragin now comes in Bushel sizes instead of Acre sizes. This means that it costs you less per acre. If you sow 12 pounds of seed to the acre it will only cost you 20 cents for your Nitragin. It means that **Your Dollar Goes Further with Nitragin.**

Nitragin is an old, reliable inoculator. At the low price of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitragin is put up in the modern ventilated package; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants.

WHAT OTHER FERTILIZER COSTS SO LITTLE AS NITRAGIN.

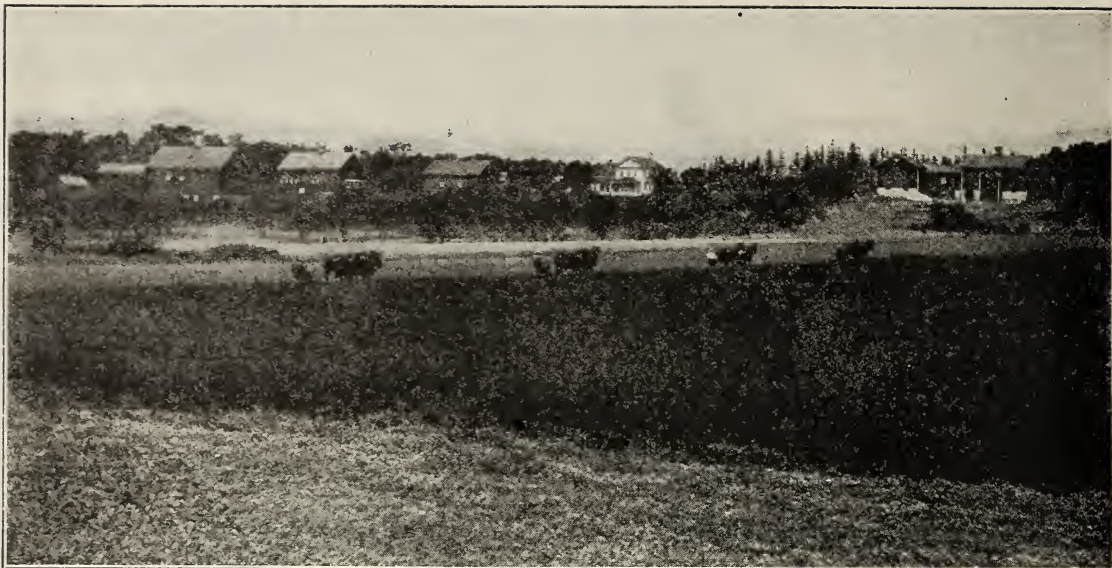
PRICES OF NITRAGIN FOR 1922.

Any Legume Crop.

(State what crop you want it for.)

Bushel Size, \$1.00; by mail, \$1.05. Half Bushel Size, 55c; by mail, 60c. Garden Size, enough for 10 pounds garden peas, garden beans or sweet peas, (separate culture for each) 15c; by mail, 17c.





107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay, Valued at \$20.00 per Ton, or \$100.00 per Acre.

OLDS' FANCY ALFALFA SEED.



Alfalfa is perhaps the most valuable plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that, according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

Alfalfa demonstrated its great value here in Wisconsin the past season. It was one of our best crops. Three cuttings of nice hay were secured on almost every farm. A few cut four times. Three tons or more of splendid hay were secured from each acre and while most other farms products were way down in price, alfalfa could be sold for big money. Or, the hay could be fed on the farm and no better hay could be found for stock of all kinds.

Every farm in Wisconsin should have some alfalfa on it. Get started this year sure. Don't be a back number. This is the year to sow alfalfa. The price is reasonable and the seed is fine.

Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle any inferior seed. In fact, we handle only the best. The crop was again short especially in the leading alfalfa states and the total seed produced in the United States is probably not more than 60 per cent as much as last year. Prices at this date are low. We are looking for somewhat higher prices. Our seed is all American grown. Foreign seed we do not handle as we do not think our customers want it at all. The seed is apt to contain bad weed seeds and it does not do as well as American grown seed anyway. Look out for this inferior foreign seed. "The best is the cheapest."

Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information as the Wisconsin seed law requires it. Insist also on knowing what it tests both for purity and germination. Our seed all shows high tests. Buy from samples showing tests. Use inoculation and use lime.

PRICES OF OLDS' FANCY ALFALFA SEED.

Hardy Montana. Montana alfalfa seed has the reputation of being the hardiest of all common alfalfa. We have, we think, some of the brightest and highest testing seed produced in that state the past season. By mail: Lb., 45c; 3 lbs., \$1.20. By freight: Lb., 40c; ½ pk., \$2.10; pk., \$3.95. bus., (60 lbs.) \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

Hardy Dakota. Our Dakota seed this year is from the famous Black Hills region of Western South Dakota. This section produces splendid seed and in our judgment it is just as hardy as the Montana seed. Pound prices same as for Montana; ½ pk., \$1.85; pk., \$3.50; bu., \$13.20; 100 lbs., \$22.00; 500 lbs. at \$21.50.

Fancy Idaho. Grown nearly as far north as our Dakota seed and beautiful, bright, high testing seed. By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; ½ pk., \$1.75; pk., \$3.35; bu., \$12.60; 100 lbs., \$21.00; 500 lbs. at \$20.50.

Fancy Kansas. Very bright high testing seed. Kansas seed does well in Wisconsin, giving in the main about as good results as Montana and Dakota seed. Pound prices same as Fancy Idaho; ½ pk., \$1.70; pk., \$3.20; bu., \$12.00; 100 lbs., \$20.00; 500 lbs. at \$19.50.

Alfalfa prices are good for January only. Ask for "Weekly Price List" after Feb. 1st. Also ask for samples. Bags are extra at 30c each.

LIME FOR ALFALFA.

Alfalfa cannot be grown successfully on acid soils and Prof. Whitson tells us that three-fourths of the farms of Wisconsin are of that kind. This explains many failures. Limestone is the only remedy. We will be glad to co-operate with any of our Wisconsin farmers in securing the best agricultural limestone for them if they so desire. We cannot do much for farmers in other states on account of the freight expense. If you suspect your soil may need lime mail a sample of it for testing to the Soils Dept., Wis. College of Agr. Madison. This service is free to Wisconsin farmers. Write us for delivered price of lime in car lots.



Courtesy of Wisconsin College of Agriculture. They say "Alfalfa is rated as one of our best hog pastures."

GRIMM ALFALFA. (The Alfalfa for Northern Latitudes.)



The Variety of Alfalfa known as Grimm is the hardest of all varieties and best adapted to the Northwest. History. The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hays, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardness and adaptability to Minnesota conditions. At one time Prof. Hays had advised farmers that it was not worth while to attempt growing alfalfa in the Northwest, Mr. Grimm had never heard of this advice and in his 25 years' experience with alfalfa had not discovered that it was not adapted to Minnesota conditions.

Characteristics. Grimm Alfalfa may usually be distinguished from common alfalfa.

First, By the fact that the blossoms are usually variegated in color, yellow, green, blue, brown, etc., instead of all purple.

Second, By its branching root system instead of the long straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.

Third, By its stronger growth and more spreading top.

Prof. Graber, Alfalfa expert at the Wisconsin Station, is very enthusiastic over Grimm seed and seems to think that within a few years farmers of Wisconsin and other northern states will sow nothing else. He says the farmers who had the genuine Grimm had no winter killing to speak of during the severe winter of 1918. He says many had so-called Grimm which was not genuine Grimm and that killed out the same as common alfalfa.

Our Grimm Seed is the Genuine. We again have seed from Mr. J. C. Parkin, a large farmer in the edge of the Black Hills, Western South Dakota. This is the sixth year we have handled Mr. Parkin's Grimm Alfalfa. Our stock this year is not large as the yield was light. The quality is as fine as ever, however, and we know what the strain is and know it is absolutely dependable.

We have personally visited Mr. Parkin and his 1200-acre ranch. We found him a progressive, energetic man of strict integrity and a man who thoroughly understands alfalfa. He has been growing seed for 10 years or more and has had nothing but Grimm from the start. His fields have been certified by the County Agent of Fall River County, South Dakota, and pronounced 98 per cent Grimm. Mr. Parkin says there will be no danger of winterkilling with his seed.

We have also this year a stock of Grimm seed from the Idaho Grimm Alfalfa Seed Growers' Association. This Association is an organization of Idaho growers who can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota, and who have had their fields inspected for the Grimm characteristics and also for weeds and the seed finally examined by the State Seed Analyst, after being thoroughly cleaned and scarified. This seed comes to us in sealed bags as "Certified Grimm Alfalfa, guaranteed absolutely free of dodder and all other noxious weeds." We offer this seed at the same price as the Parkin seed. We have also Grimm alfalfa seed, Montana and Dakota grown, which is not certified but which comes from reliable sources with affidavits of genuineness, that we can sell at a lower price.

PRICES OF GRIMM ALFALFA SEED.

Certified Grimm, Parkin or Idaho, (name preference)—By mail: Lb., 65c; 3 lbs., \$1.75. By freight: Lb., 60c; 1/2 pk., \$3.75; pk., \$7.00; bu., \$27.00; 100 lbs., \$45.00; 500 lbs. at \$44.50. Bags extra at 30c. Uncertified Grimm—1/2 pk., \$3.40; pk., \$6.25; bu., \$24.00; 100 lbs., \$40.00; 500 lbs. at \$39.50.

LISCOR OR MONTANA VARIEGATED.

We have a limited stock of very fancy Montana grown Liscom alfalfa that produces variegated blossoms the same as Grimm. Liscom has the same characteristics as Grimm and it is claimed it is just as hardy. We consider it nearly if not quite as desirable as Grimm. Our stock is beautiful, bright, clean seed, and it grew in Montana.

Prices: By mail: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; 1/2 pk., \$2.65; pk., \$5.00; bu., \$19.20; 100 lbs., \$32.00; 500 lbs. at \$31.50.



Mr. J. C. Parkin Examining Seed in the Field.

STANDARD INOCULATING BACTERIA.

INOCULATE YOUR ALFALFA SEED BEFORE SOWING.

Alfalfa can be successfully grown on some part of almost every farm in the country by using good seed, thoroughly inoculated just before sowing. Alfalfa does not succeed without the alfalfa bacteria. Transfer of soil for inoculation is usually effective but is troublesome and expensive. Furthermore, it allows the spreading of weeds, also crop and soil diseases.

But you can inoculate the seed with our Standard Inoculating Bacteria easily and quickly and at very slight expense.

LEGUMES.

Alfalfa, clover, beans, peas, vetch and all pod bearing plants are called legumes.

Under certain circumstances these leguminous plants may develop wart-like formations on their roots called nodules, each nodule being simply a colony of living germs. Nodules, however, do not develop on the roots of legumes, unless one of these living germs, called bacteria, attaches itself to the root of the plant, to form the basis of a nodule.

LEGUMES DO NOT ENRICH THE SOIL UNLESS INOCULATED.

"The peculiar value of legumes for maintaining and increasing the fertility of soils is due to certain bacteria which develop nodules upon the roots of leguminous plants and which have the unique power of rendering the free nitrogen of the atmosphere available for plant growth. Without these bacteria, legumes, like other crops, exhaust the soil of its combined nitrogen."—Farmer's Bulletin No. 315.

Standard Inoculating Bacteria is guaranteed to produce results equal to any inoculation on the market. Seed for ten acres can be thoroughly inoculated in ten minutes. We will refund after one year's time money paid us for inoculation if the results were not entirely satisfactory.

Standard Inoculating Bacteria is prepared for legume crops in one, two, four and six acre sizes. We have combination cultures as below for the principal crops. Mention the crop you want it for or order by letter.

A—For Alfalfa and Sweet Clover.

B—For Soy Beans.

C—For Cow Peas.

D—For Red, Mammoth, Alsike, Crimson and White Clover.

E—For Vetch.

F—For Beans, Field and Garden.

H—For Field Peas.

I—For Garden Peas.

J—For Sweet Peas.

K—For Garden Mixture, Peas, Beans and Sweet Peas.

Prices for all Standard Inoculating Bacteria: Garden Size, 45c; by mail, 50c; 1-acre size, 70c; by mail, 75c; 2-acre size, \$1.35; by mail, \$1.45; 4-acre size, \$2.15; by mail, \$2.25; 6-acre size, \$2.85; by mail, \$3.00.

Ask for 6-page folder giving further information.



Nodules produced with Standard Inoculating Bacteria.



Timothy.

10 lbs., \$1.50; 100 lbs., \$12.00.

ITALIAN RYE GRASS. Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$12.00.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.70; 100 lbs., \$13.50.

BROME GRASS (Bromus Inermis). Yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$17.00; 500 lbs. at \$16.50.

ORCHARD GRASS. Withstands drouth, will grow in the shade, and does well on poor land. By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; 10 lbs., \$2.75; bu., (14 lbs.), \$3.50; 100 lbs., \$22.00; 500 lbs. at \$21.50.

CREeping BENT. Crop very short. Seed almost unobtainable. By mail: Lb., \$1.60; 3 lbs., \$4.50. By freight: Lb., \$1.50; 10 lbs., \$14.00; 100 lbs., \$135.00.

RED FESCUE. Fine for putting greens. By freight: Lb., 75c; 10 lbs., \$7.00; 100 lbs., \$65.00.

CHEWINGS FESCUE. A very fine pure strain of Red Fescue, selected by a man named Chewings. Grown in New Zealand. Best of all the fescues for putting greens. By freight: Lb., \$1.00; 10 lbs., \$9.50; 100 lbs., \$90.00.

ROUGH STALKED MEADOW. By freight: Lb., \$1.05; 10 lbs., \$10.00; 100 lbs., \$95.00.

MEADOW FOXTAIL. Valuable for low ground. By freight: Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$45.00.



Olds' Meadow Mixture.

OLDS' HIGH GRADE TIMOTHY.



TIMOTHY SEED is one of our specialties and we are in position to furnish pure clean seed all the time at the lowest possible prices.

The prices named here are subject to change after Feb. 1st. Ask for samples giving tests.

Prices, Superb Brand: By mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 50c; pk., \$1.00; bu. (45 lbs.), \$3.60; 100 lbs., \$8.00; 500 lbs. at \$7.75. Bags extra at 30c.

Old Gold Brand: Bu., \$3.50; 100 lbs., \$7.75; 500 lbs. at \$7.50.

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike); Pk., \$1.20; bu., (45 lbs.), \$4.30; 100 lbs., \$9.50; 500 lbs. at \$9.25.

OLDS' FANCY RED TOP

RED TOP is the most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; 10 lbs., \$2.75; 100 lbs., \$26.00. Prices higher than last year owing to short crop.

Unhulled Seed. By freight: Bu., (14 lbs.), \$2.65; 100 lbs., \$18.00.

Prices on all the following grasses, the rest of this page, include the sacks. While prices may change in some instances after Feb. 1st they will probably stand as given here for the season. Ask for special prices on large quantities. We handle only the best grades.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. Crop very short. The seed we offer is the best that can be secured, 21 pound seed. By mail: Lb., 70c; 3 lbs., \$1.95. By freight: Lb., 65c; bu. (14 lbs.), \$7.60; 100 lbs., \$53.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures and used also for lawns. By freight: Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$45.00.

ENGLISH BLUE GRASS. (Meadow Fescue.) By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$25.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c;



Red Top.



Bromus Inermis.

T A L L MEADOW OAT GRASS. For dry soils. By freight: Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$45.00.

Postage extra if ordered by mail at freight prices.

OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Blue Grass and others.

By freight: Lb., 35c; 10 lbs., \$2.25; 100 lbs., \$21.00; 500 lbs. at \$20.50.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$18.00; 500 lbs. at \$17.50.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.



The Finest State Capitol in the United States.

OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer five very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use Bone Black for fertilizer or pulverized sheep manure. Every lawn, new or old, needs fertilizer. See page 91.

OLDS' CAPITAL LAWN GRASS.

Everyone who visits Madison in the summer time is filled with admiration not only for the beautiful and magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say, "That is certainly good enough for me."

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.60; 100 lbs., \$33.00.

OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and many of the new private lawns in Madison are from this seed.

By mail: Lb., 50c; 3 lbs., \$1.45. By freight: Lb., 45c; 5 lbs., \$2.10; 10 lbs., \$4.00; 100 lbs., \$38.00.

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of nearly the same high-priced grasses as those used in our Madison Parks Lawn Grass with the addition of Pacey's Rye Grass. Creeping Bent, the famous golf-link grass, is used in University Lawn Grass, also Chewings Fescue. We recommend University Lawn Grass as a complete grass for a permanent lawn, and as the best for golf links.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$32.00.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the above, although all right too for a permanent lasting growth. It contains no timothy.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.

OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Chewings Fescue, Red Fescue, Creeping Bent, Rough Stalked Meadow, etc.

By mail: Lb., 60c; 3 lbs., \$1.75. By freight: Lb., 55c; 5 lbs., \$2.45; 10 lbs., \$4.75; 100 lbs., \$45.00.

(All Lawn Grass prices include sacks. We use only the best grades of seed in all the mixtures.)

OLDS' SEED OATS


Choice Seed Oats are another specialty of ours. This is the year that it will pay to get new seed. Most oats throughout the Central West were very poor and light the past season. Do not use such for seed. Start right with good seed. Try our Wisconsin Pedigree varieties. Fortunately we carried over from last year quite a lot of old oats of all our varieties. These are heavy and fine. Our new crop oats are good too, but not as heavy. We have gone out and secured them where they had good oats and have been fortunate in getting the varieties we wanted. All our stocks are thoroughly recleaned and the light oats blown out. Ask for samples.



Prize Sheaf of Wisconsin Pedigree No. 7 at the last Grain Show of the Wis. Ex. Ass'n.

WISCONSIN PEDIGREE NO. 7

Ahead of all Other Oats in Yield per acre at the Wis. Ex. Station.

 A new extra early pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it, cataloging it for the first time four years ago. It is our leader in oats and we are giving it prominence, showing on our front cover a sheaf as well as a field of it on the University of Wisconsin farm. We are doing this because we have a fine lot of seed and because we expect a great demand for it. Hardly anything is more needed on the average farm this year than good seed oats.

History. Pedigree No. 7 is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, breeding work was begun on it at the Wisconsin Station. It was grown in the test plots at that Station as a pedigreed variety for 5 years, and during that time showed some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

Description. Wisconsin Pedigree No. 7 is a yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest.

It has the stiffest straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. When heavy storms lodge other oats so that they can not all be secured by the binder Wisconsin No. 7 usually stands up perfectly and there is no loss in cutting.

In yield per acre Wisconsin Pedigree No. 7 is at the top. As we write this page Prof. Leith tells us that their records show this variety ahead of all other oats, averaging the yield for the five years ending with last season.

Another thing about this new oat is its hardness. Prof. Leith says it is the hardest of anything, resists heat, and withstands unfavorable conditions. He recommends it for sandy land especially, as well as for rich black soils. This oat has increased in popularity each year since its first introduction. We grow more each year than the preceding year but never have enough, always running out before the season is over. Get your order in early.

To sum up, Wisconsin Pedigree No. 7 excels in hardness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities. We recommend it very emphatically.

PRICES OF WISCONSIN PEDIGREE NO. 7 FOR 1922.


By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 45c; bu., \$1.25; 2½ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. (2½ bushel sacks extra at 10c.)

Oat prices do not include sacks except in small quantities, peck or less and prices are subject to change after Feb. 1st. They may be higher, they may be lower. Write for "Price List" after that date.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plot Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested That Year.

WISCONSIN PEDIGREE No. 1.

 A wonderfully valuable oat first introduced by us nine years ago. It has already become in the nine years' time one of the most popular and most sought after of all varieties of oats, surpassing even the celebrated Swedish Select. Out on the University Farm they called it the "best oat in the world."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best of all and gave splendid results in every section.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select. At the Wis. Ex. Station they made quite a point of the stiffness of the straw. They said: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodges."

C. B. Thorpe of Grant County, Wisconsin, threshed 300 bushels Wisconsin Pedigree No. 1 in 1917, from 6 bushels of seed procured of us and sown on 2½ acres, 120 bushels per acre.

Value. We consider this one of the most valuable oats ever introduced. It is giving satisfaction everywhere. The oats are heavy, good sized, with thin hull, outyield nearly everything, will grow on rich soils and stand up.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. Sacks extra.

SILVER MINE.

A well-known variety, first introduced in 1895. A plump, white oat, quite early with smooth shiny kernels. Always free from awns. We have some nice stock.


Prices: Pk., 40c; bu., \$1.10; 2½ to 10 bus. at \$1.00; 10 bus. at 95c; 25 bus. or over at 90c. (Sacks extra.)

GOLD MINE.

Gold Mine makes a big growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. Oats of a shiny golden yellow color. They always yield well whether the season is favorable for oats or not. Very popular with Dane County farmers. Our stock is heavy 1920 crop.

Prices: Pk., 40c; bu., \$1.10; 2½ to 10 bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. (Sacks extra.)

WISCONSIN PEDIGREE No. 5.

 A Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment Station. It is very different in type from the No. 1 however and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish Select.

Wisconsin Pedigree No. 5 is a very thick white oat, kernels rather short, heavy and attractive looking and it is a great show oat. It has made some splendid yield records.

We recommend it for all clay soils and all land that is considered good oat land but not for heavy rich soils.

Prices: Pk., 40c; bu., \$1.15; 2½ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

Note: Treat Oats with Formaldehyde to prevent Smut. See page 93.



Wisconsin Pedigree No. 5.

(Pound and half peck prices all varieties of oats, same as for Wisconsin Pedigree No. 7.)



Harvesting Swedish Select in the Northwest. Yield, 110 Bushels Per Acre. Grains in Upper Corner.

SWEDISH SELECT (Wisconsin No. 4.)

In the far northwest they grew some very fine oats the past season. We are fortunate in being able to offer this year some splendid northern Montana grown Swedish Select, very heavy and bright and free from wild oats.

Swedish Select was for years considered "the best American Oat", and is probably more largely grown throughout the country today than any other single variety. It is the standard for a popular type of oat, short and thick, very plump, pure white in color, vigorous in growth, medium early. Does best on clay soils.

We have a few Wisconsin grown Swedish Select this year that are nice, but our main stock is Montana grown, very fancy heavy oats.

Prices: Montana or Wisconsin, (state preference)—Pk., 40c; bu., \$1.10; 2½ to 10 bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. (Sacks extra at 10c.)

REGENERATED SWEDISH SELECT.

We have a limited quantity of the Improved or Regenerated Swedish Select, originally from the Garton stock, grown by R. H. Lang of Jefferson county. These oats are not as heavy as our Montana Swedish but are very high grade pure stock from inspected fields. They show a high test and are all right.

Prices: Pk., 40c; bu., \$1.20; 2½ to 10 bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00.

OLDS' SCOTTISH CHIEF.

A new variety that we introduced a few years ago. A thoroughbred, imported from Scotland. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat", and on account of its fine appearance will always command the very best price on the market.

Prices: Pk. 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

OLDS' WHITE KHERSON (Iowa No. 103)

The Prize Oats of the World.

Olds' White Kherson is a distinct new variety originated at the Iowa Experiment Station. It was sent out for trial a few years ago to a select list of prominent farmers including Mr. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats "White Kherson" because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag. This was in 1914. In 1915 they yielded 108 bushels per acre on Mr. Krueger's farm and this was the average for 30 acres and in 1916 Mr. Krueger wrote: "Our yield on one of our fields was 118½ bushels per acre by actual weight and measured land. I find White Kherson fine to get a catch of clover or alfalfa with; just as good as barley in that respect; and their earliness gets them ahead of hot weather."

Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas, in 1914 and in 1915 and secured both years "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has out-yielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

We have a fine large stock of this variety to offer and expect a great demand for them as they are just the type of oat wanted now, something that will escape the hot dry weather.

Prices: Pk., 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

Note—Oat prices are subject to change after Feb. 1st. Ask for "Weekly Price List." Samples showing tests, free on application. Ask for the ones wanted.



Olds' White Kherson



SEED POTATO DEPARTMENT



OLDS' SEED POTATOES—What They Are.

Olds' Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 35 years ago. Have made a specialty of them ever since. We always have choice stock and this year is no exception. There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are mostly grown on contract specially for seed and from select stocks.

CERTIFIED STOCK. All of our Wisconsin grown potatoes except part of the White Beauties are "Certified Stock." That means that they have been inspected and O. K.'d both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filled from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.
2. Freedom from black wart and powdery scab, and from serious infection with any other disease."

GOVERNMENT GRADED. Our Seed Potatoes are Government Graded. That means we use the rules for grading established by the U. S. Dept. of Agriculture. The specifications are as follows:

"U. S. Grade No. 1. This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot, and damage caused by disease, insects, or mechanical means. The minimum diameter shall be one and seven-eighths inches."

All the potatoes we offer this year are of "U. S. Grade No. 1" unless otherwise specified. These of course run pretty good sized with no small ones at all.

LARGE BARRELS: Our barrels hold exactly 172 pounds each, net weight, the Wisconsin barrel. The old barrel was only 165 pounds, or about 12 pecks by measure. Our prices include barrels. Remember that. Peck and bushel orders are shipped in sacks or in boxes. No charge for containers of any kind.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own side-tracks and load potatoes direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels furnished free. Later in the season, we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date. The prices may be higher but they may be lower.

OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. This year is a good time to secure some of our pure, high-grade, vigorous seed.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

Most of the Red River Ohios we offer this year were grown by Mr. Henry Schroeder, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it.

In addition to our Schroeder Red River Early Ohios we have other Red River Early Ohios, good pure stock, also a couple of cars of Northern Wisconsin grown Certified Early Ohios grown by Chris Michelson of Oneida County. Mr. Michelson is one of the best potato growers in the state.

PRICES OF OLDS' IMPROVED EARLY OHIOS FOR 1922.

Red River Schroeder Stock: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. (in sacks) at \$3.80 per 100 lbs.

Other Red River Stock: ½ pk., 40c; pk., 70c; bu., \$2.30; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25; 10 bus. at \$3.50 per 100 lbs.

Wis. Certified Stock: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. at \$3.80 per 100 lbs.

OLDS' RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color as well as being a little earlier. It makes an extremely quick growth, grows very compactly and yields as much as Early Ohio.

Our Six Weeks this year are all Red River grown and are from J. R. Anderson of North Dakota, who has grown for us for several years. They are beauties, smooth, medium size, nice shape, pure and clean. Order early as we expect they will go like "hot cakes."

Prices: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 600 lbs. at \$3.80 per 100.



OLDS' IMPROVED IRISH COBBLER.

Next to Early Ohio the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

On our trial grounds Irish Cobbler yield a third more than Early Ohio, although a little later. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

We have both Red River and Wisconsin grown stock of our pure improved Irish Cobblers to offer.

Our Red River stock is all from Henry Schroeder and that is enough to say about them. They can be relied upon. Our Wisconsin stock is all certified and from the northern counties. This Wisconsin stock is very fine indeed and runs a little smoother than the Red River stock.

PRICES OF OLDS' IMPROVED IRISH COBBLERS.

Red River, Schroeder Stock: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. (in sacks) at \$3.80 per 100 lbs.

Wisconsin, Certified Stock: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. at \$3.80 per 100 lbs.

RED RIVER WHITE OHIO

White Ohio is the same as Early Ohio except in color, which is a fine white, or nearly so. Some of the tubers show a slight flesh color. White skinned potatoes are in great demand now in every market. That fact gives this variety an advantage and many will prefer it on that account. It grows just like the ordinary red-skinned Early Ohio, looks like it except in color and will yield just as well. Our stock is Red River grown but limited and we cannot get more.

Prices: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. at \$3.80 per 100

O. W. Bassett, Nebraska, writes: "I am writing to tell you about those two barrels of Irish Cobbler potatoes I got of you last spring. They planted one acre and the yield was 426 bushels by weight. They sell better than any other potato here. Will want seed for ten acres this spring."



OLDS' RED RIVER TRIUMPH.

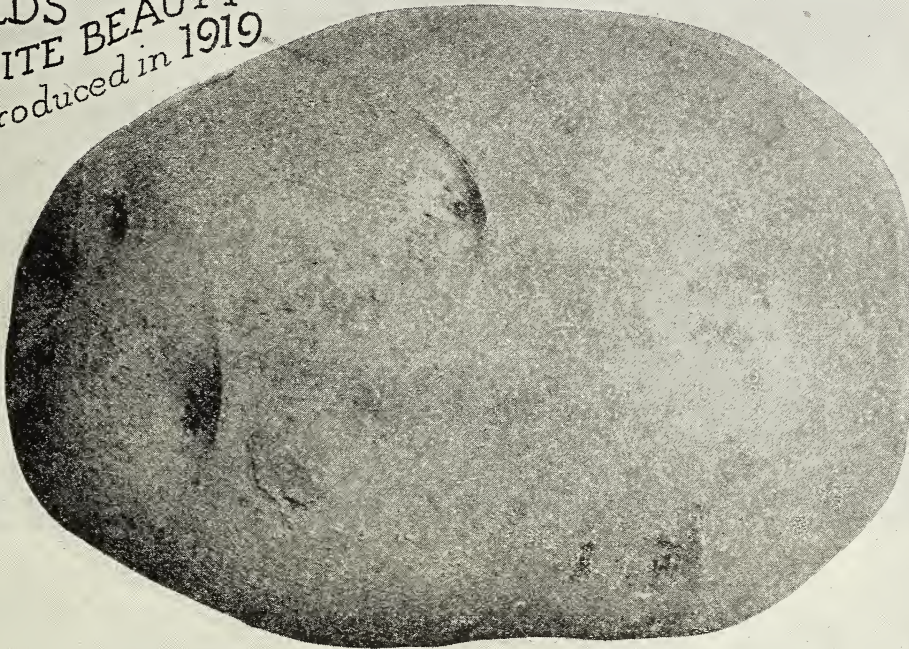


Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. Our Triumphs are all Red River grown and from Henry Schroeder.

Prices: ½ pk., 45c; pk., 80c; bu., \$2.60; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00; 10 bus. at \$3.95 per 100 lbs.

OLDS' WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY (Our 1919 Introduction).

YIELD RECORD, 466 BUSHEL PER ACRE.



We introduced this potato three years ago as a strictly new variety that promised to take a place right at the front in the list of valuable potatoes. It is certainly making good. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

History. Olds' White Beauty originated with one of our customers, Mr. P. C. L. Riegel of Minnesota. Mr. Riegel first called our attention to it in February, 1915. He wrote:

"I notice you are looking for something new. Well, I happen to have something that looks good to me. I am enclosing a pencil sketch drawn by marking around the potato on a piece of paper. This gives the size and the eyes are marked as they appear on both sides. This is the fourth year from the seed ball. The potato is a nice creamy white, very shallow eyes and smooth, yet the skin is just a little rough, not glossy like some are. It is a late potato. The quality is fine. They turned out the best and looked the best of anything we had last fall."

Mr. Riegel sent us three small tubers of the new seedling for trial and we were so well pleased with the way they turned out that the next year we bought the entire stock with exclusive rights. We worked away on them during the next three years increasing the stock as fast as possible and feeling better pleased with them each year.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms like Rurals.

Earlier than other late sorts. We have always considered White Beauty about the same as Rural New Yorker in season, medium late, but Mr. Dexter, who grew part of our stock, thinks White Beauty is earlier even than Green Mountain and Green Mountain is earlier than Rural. He says "About half our Green Mountain were planted before and half after the White Beauty. From the time potatoes set until harvest the White Beauty had larger tubers and when we harvested the tops were about a week more mature."

Yield and Quality. Mr. Dexter wrote under date of October 5th, 1921, "You will be interested to know that the White Beauties made a wonderfully fine showing. We got between 185 and 190 bushels scale weight per acre, with little ones and culls of all sorts weighed back, and the quality is far above any other potatoes grown in this neighborhood. The field was very pretty and the best part was around 300, but the average was as I stated. The top growth was far the thriftiest of any Rural-type field I have ever seen."

Value. We have something of great value in this new potato. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety in nearly all sections, but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. Its "new blood" tells. Note below the report from Prof. Waldron. 466 bushels per acre. In our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Allen Fahland, Polk County and from N. B. Dexter, Sawyer County. The Fahland stock was certified by the Wisconsin Seed Potato Growers Association as Rurals. The Dexter stock was not entered for certification but would have passed had it been entered. You can take your choice of the two stocks while they last. Order liberally this year as the price is reasonable and we know this variety will please you, either as a money crop in place of Rurals or for home use.

PRICES OF OLDS' WHITE BEAUTY FOR 1922.

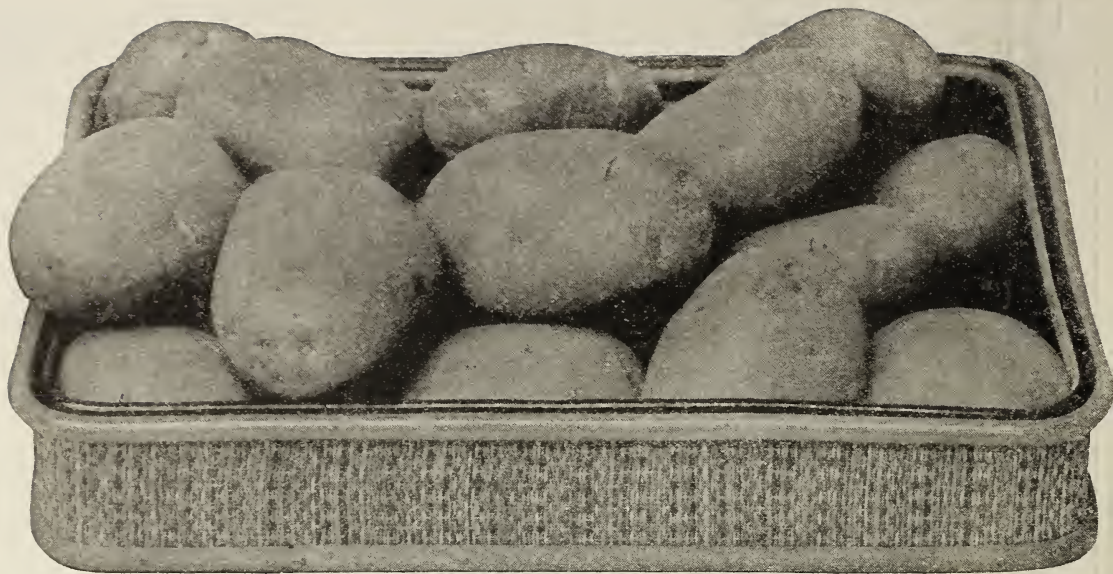
By mail: Lb., 50c; 3 lbs., 75c. By express or freight, not prepaid: Lb., 40c; 1/2 pk., 75c; pk., \$1.25; bu., \$3.50; bbl., \$8.50; 5 bbls. at \$8.35; 10 bbls. at \$8.25; 10 bus. (in sacks) at \$4.75 per 100 lbs.. Not less than one pound sold.

Prof. L. R. Waldron of the North Dakota Agricultural College tested Olds' White Beauty along with two other varieties, Early Ohio and Late White. He writes:

"Twenty-eight hills of each variety were planted, being placed three feet by two feet, the rows being three feet apart. The varieties made a good growth during the season and were harvested September 23. The following tabu-

lation gives the important results:

	Wt. of tubers per hill pounds	Wt. of tuber Ounces	Yield per acre Bushels
White Beauty	3.85	10.6	465.9
Late White	3.72	7.3	450.1
Early Ohio	1.69	6.2	204.5



A Basket of Olds' Certified Rural New Yorkers

OLDS' IMPROVED RURAL NEW YORKER.

THE POTATO FOR EVERYBODY



Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other standard variety. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. They are all certified and from the Northern Counties of Wisconsin.

Farmers, everywhere! You who know what Rurals are and have found them a profitable variety to grow, Change your seed. Plant Olds' Improved Rural New Yorker and grow more bushels per acre, uniform in size and type like the potatoes shown in the basket.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.40; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50; 10 bus. at \$3.65 per 100.

OLDS' IMPROVED CARMAN NO. 3

YIELD RECORD, 400 BUSHELS PER ACRE.



This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight, or bugs.

Our Carman No. 3 were grown by Allen Fahland, in Polk County, Northwestern Wisconsin, from hill selected seed.

Mr. Fahland has made a specialty of Carman No. 3 for ten years, improving the strain by hill selection. He says: "I

consider them the best main crop potato one can raise because they are practically free from blight and bugs and small potatoes and are a very heavy cropper of good potatoes. They have averaged me 300 bushels per acre. One year they went 400 bushels per acre."

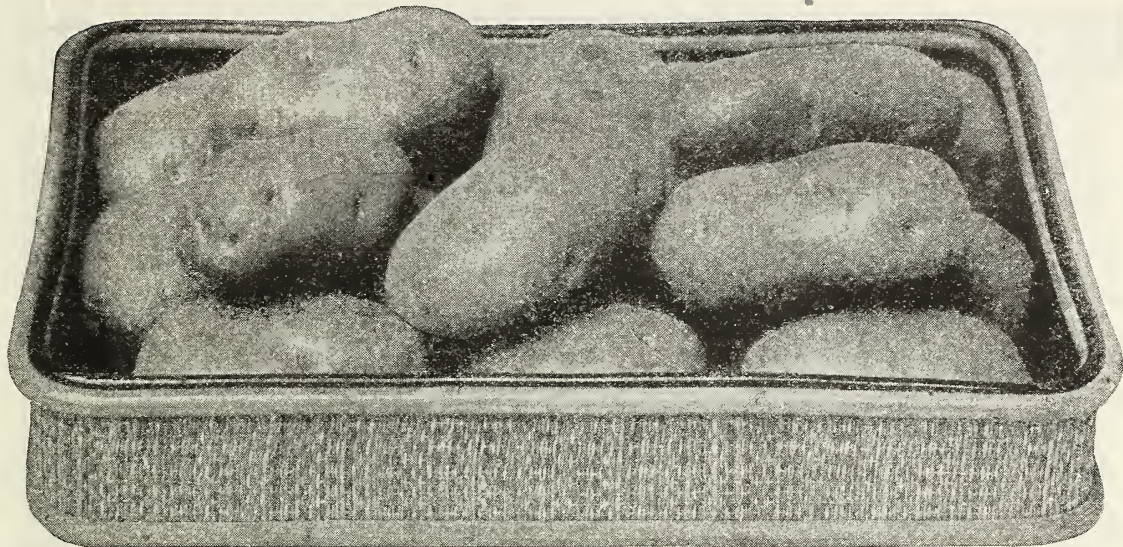
Mr. Fahland, who is one of the live seed potato growers of Wisconsin, has grown Carman No. 3 for us every year for the past seven years. The stock we have from him this year is unusually nice seed stock, not as large as most potatoes but just right for seed, smooth and uniform. They are certified as Rurals as the Association does not recognize Carman.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.40; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50; 10 bus. at \$3.65 per 100.

POUND PRICES. Any variety of potatoes except Olds' White Beauty. By mail: One pound (about 3 good tubers) 30c; 3 lbs., 75c; postpaid. By freight or express: Lb., 25c. Not less than one pound of a variety sold. **Collection Barrels.** We offer a barrel made up of any 2 varieties potatoes on our list half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents.

Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date.

Use Formaldehyde to prevent scab on potatoes. See page 93. Ask for one of the bulletins we offer.



A Basket of Olds' Certified Improved Green Mountains.

OLDS' IMPROVED GREEN MOUNTAIN.



Green Mountain is fast becoming the most popular variety in the potato counties of Northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. In some sections of Northern Wisconsin they even call Green Mountain an early variety. We would call it about medium in season. Does specially well on sandy soils. On clay soils it sometimes grows rough.

Green Mountain is a strong, vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. As a yielder Green Mountain is near the top and on light soils and sandy soils is usually ahead of Rurals. On heavy soils plant White Beauty, Rural or Carman.

All our Green Mountains are certified. That means freedom from mixtures, trueness to type and freedom from disease. See page 11 regarding this. Our stock this year was grown in Sawyer County, northern Wisconsin, by N. B. Dexter, who grew part of our White Beauty.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.40; bbl. \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50; 10 bus. at \$3.65 per 100.

OLDS' WHITE MAMMOTH.

INTRODUCED BY US IN 1915. YIELD RECORD 440 BUSHELS PER ACRE.



History. Olds' White Mammoth originated with one of our Ohio customers, Mr. W. W. Whiton. It started from a seed ball from the old Peachblow. The Ohio Experiment Station tested it and reported a yield of 335 bushels per acre, the highest on the list of varieties that year and 52 bushels ahead of Carman No. 3. When we first tried this variety ourselves we found it one of the best in our trial grounds out of 68 varieties.

Description. Olds' White Mammoth is a medium large, pure white potato with a thickly netted skin. The tubers are oblong in form with smooth outline and are very attractive in appearance. For quality it is in the front rank, always cooking up dry and mealy. It has the same shape and general appearance as Green Mountain and grows very much like that well known variety, with large bushy vines, light green leaves and white blossoms. It grows larger and stronger than Green Mountain however and has made some wonderful yields. Oluf Cook of Sawyer County secured a yield one year of 400 bushels per acre and another year, 440 bushels.

We consider White Mammoth a decided addition to the fine list of main crop varieties and we congratulate ourselves on being able to offer it again to our customers. Our stock this year was grown in Oneida County, one of the banner potato counties of northern Wisconsin. The stock is certified as Green Mountain as that is what the Wisconsin Potato Growers' Association call our White Mammoth.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.40; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50; 10 bus. at \$3.65 per 100 lbs.

POTATO EYES.

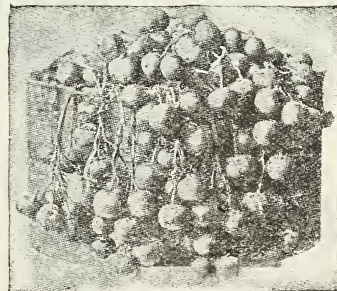
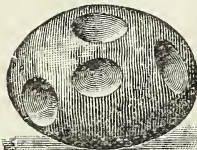
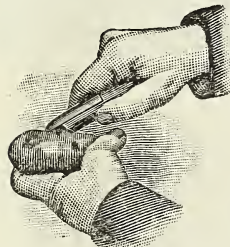
We furnish Potato Eyes in boxes of 160 eyes each of all varieties on our list carefully packed in damp moss in paraffin lined boxes. Orders

will be filled at the right time for planting. We guarantee safe arrival in good condition.

We have been sending out potato eyes in this way now for several years and we know they give satisfaction. These are specially fine for customers living at a distance.

PRICES OF POTATO EYES, ALL VARIETIES.

- 160 Eyes, (one box) all one variety, your selection, \$1.50 by mail, postpaid.
 - 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.60, postpaid.
 - 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.70, postpaid.
 - 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
 - 480 Eyes, (3 boxes) three varieties, \$3.65 by express, not prepaid.
 - 480 Eyes, (3 boxes) twelve varieties, \$4.00 by express, not prepaid.
- (No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c, postpaid.

OLDS' SEED CORN

FANCY WISCONSIN GROWN CORN.

Wisconsin's corn crop was again very fine the past season and we have beautiful Wisconsin grown seed corn to offer. This corn is fire-dried. We take no chances. It all tests close to 100 per cent and can be relied on absolutely.

EAR CORN. With the exception of one year we have offered corn on the ear, put up in bushel crates, every year for the last 17 years. We believe that farmers should have a chance to see the seed corn they buy before it is shelled and in fact, many of the most progressive farmers insist upon that. It costs more this way, of course, as it requires extra work in handling and crates are expensive.

WISCONSIN SHELLED CORN. All the Wisconsin shelled corn we offer is from select ears. The corn is either tipped before shelling or carefully graded after shelling and much of it graded with a Hero Corn Grader. See page 89.

OUR GUARANTEE.—Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. The stock must be as represented. We guarantee, however, only to the extent of the amount sent us and will not be responsible for the crop.

Prices. The Seed Corn prices named in this catalog are good until February first and are intended to be the prices for the season. Consult our weekly "Red Price List" after Feb 1st. Do not think our prices high. You cannot buy fire-dried corn of Wisconsin pedigreed varieties at the price of feed corn or anything like it. After all the cost of the seed for an acre of corn is only a trifle and it makes a big difference whether you have the right seed or not.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent is our favorite variety of corn, and all things considered we pronounce it the most desirable sort now in cultivation for the northern farmer.

It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He has taken more than 35 premiums on it in the last 12 years. He says: "I have grown Murdock for over twelve years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have even grade of corn in the state."

We have again contracted for the thirteenth time for all the Murdock Yellow Dent that Mr. Brueckner can furnish, including some from his son, and Brueckner Murdock can be secured nowhere else. The corn this year runs just as nice as ever, all very carefully selected and carefully handled.

As to season, Murdock is decidedly early and perfectly safe to plant as far north as the geographical center of Wisconsin.

It is a fine extra early also for Illinois, Iowa and other corn belt states. It is earlier than Silver King and will yield as much.

A further word about our Brueckner Murdock. Mr. Brueckner not only knows how to breed up corn but he knows how to select it. We never have to re-sort his corn. Those who have had some of it during the past know just how fine it is. We ask more for it and it is worth more. Our other Murdock however is good and from Brueckner seed.

PRICES OF MURDOCK YELLOW DENT FOR 1922.

Brueckner Stock, Ears: $\frac{1}{2}$ pk., 90c; pk., \$1.70; bu. (70 lbs.), \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75. Crates free.

Other Wisconsin Stock, Ears: Pk., \$1.45; bu., \$4.25, 5 bus. at \$4.10; 10 bus. at \$4.00.

Brueckner Stock, Shelled: $\frac{1}{2}$ pk., 70c; pk., \$1.35; bu. (56 lbs.), \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Bags extra at 30c each.

Other Wisconsin, Shelled: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

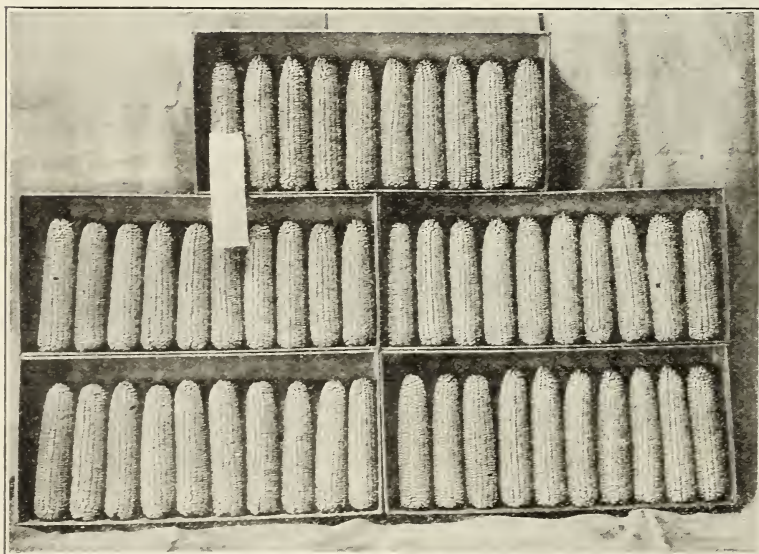
Note.—Sample ear Brueckner Murdock, or any other variety offered on the ear, by mail, 25c; by freight or express, 20c. This may be deducted from the first order for one bushel or over.

One pound shelled, any variety, by mail, 25c; 3 lbs., 65c. By freight: Lb., 20c; 3 lbs., 50c.

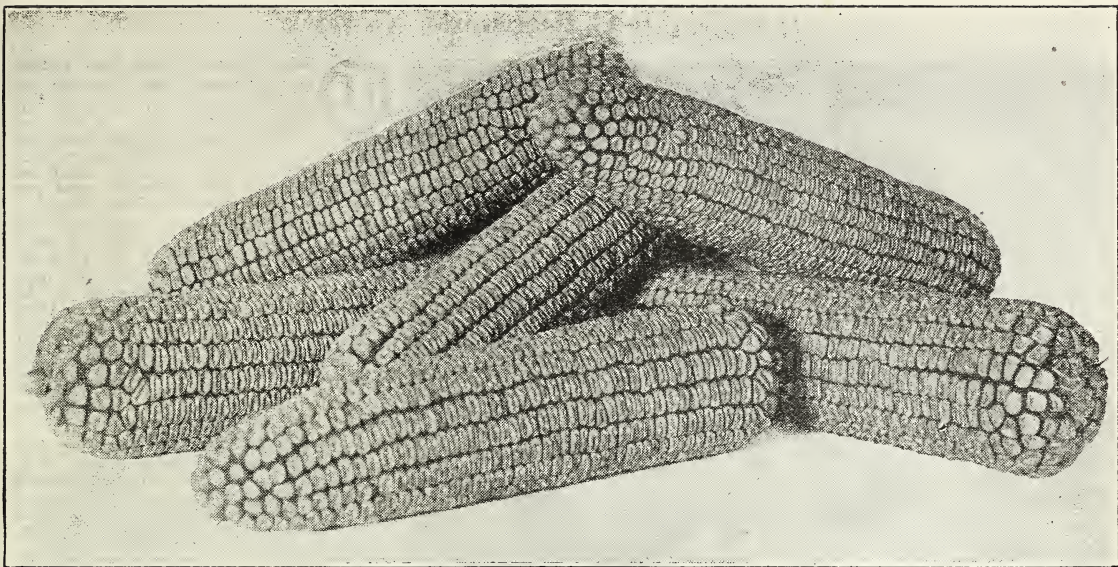


This shows the style of crate we use. Tops and bottoms are tight, sides lined with wire cloth. A crate holds just one bushel or 70 pounds, net.

shown corn." We believe he has the finest, most



THE FIRST PRIZE 50-EAR SAMPLE OF MURDOCK AT THE WISCONSIN PURE-BRED GRAIN SHOW, FEB., 1920, EXHIBITED BY H. C. BRUECKNER.



A Half Dozen Ears of Mr. Bishop's Golden Glow.
GOLDEN GLOW. (Wisconsin No. 12.)

Yield Record, 134 Bushels per Acre in Fond du Lac County, Wisconsin.



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin.

Description. Golden Glow is a cross of Wis. No. 8 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter.

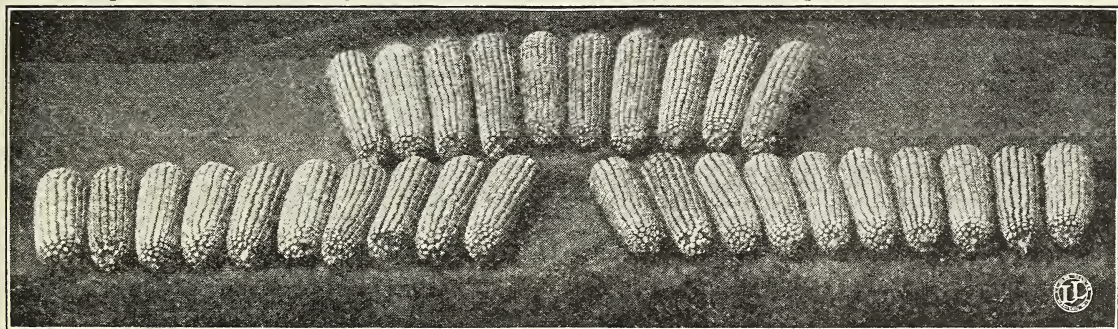
It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

All our Golden Glow is Wisconsin grown. We have it both on the ear and shelled from R. H. Lang, Jefferson County and shelled from W. E. Bishop, Trempeleau County. Mr. Lang is a son-in-law of Mr. Brueckner of Murdock fame. His corn this year is beautiful, uniform corn, the nicest we think he ever furnished us. Mr. Bishop has been growing and selling seed corn for over 30 years. He guarantees his corn absolutely and says he never had a complaint. He grades all his corn with a Hero Grader.

PRICES OF GOLDEN GLOW FOR 1922.

Ears: Lang stock, ½ pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Crates free.

Shelled: Bishop Stock or Lang Stock (name preference). ½ pk., 65c; pk., \$1.20; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25. Grain bags extra at 30c each.



Thirty Ears of W. W. Suttie's Cold Resistant Golden Glow.
COLD RESISTANT GOLDEN GLOW.

The Best Silage Corn for Central and Upper Wisconsin.



A new corn of great value, now offered for the first time. It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time, and permit of earlier planting. With the idea of producing such a corn and something also that would yield well and mature early they have been working on this at the Wisconsin Experiment Station for nearly ten years and having it tested out in different sections. Now they are ready to have it offered.

Prof. Moore says it is great for the northern counties as it ripens up so early. He says it holds the same size as the common Golden Glow, can be planted two weeks earlier and will keep right on growing in spite of cold weather. If frost hits it, it will come right along again. Prof. Leith says:

"This corn is selected from the high producing Golden Glow corn bred at the Wisconsin Experiment Station. Selection was made for hardiness so that the corn could be planted a week or 10 days earlier than the usual corn planting time and thus lengthen the corn growing season. This corn produces a large stalk averaging as large as the common Golden Glow. It matures a few days earlier and high yields are reported from growers. It is the best silage corn we know of for central and upper Wisconsin.

Our stock was grown in Trempeleau County by Willis W. Suttie and P. V. Becker, two progressive seed corn growers. They found it very early and very productive. Mr. Becker wrote that his corn was ripe August 25th.

PRICES OF COLD RESISTANT GOLDEN GLOW.

Shelled: ½ pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Our stock is shelled.

SILVER KING (Wisconsin No. 7)



Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin, putting us as a state ahead of most of the corn belt states in yield per acre, a great triumph for Silver King.

History:—This corn originated in Northern Iowa. It was brought to Wisconsin a few years ago and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, is 137 6-10 bushels per acre. This was the amount of shelled corn production on one acre of ground in 1913, by Heiron Block of Racine County, in the acre contest.

Description:—In appearance the corn is a beauty. Note the accompanying illustration. Ears show the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with white cob. It has a decided double ear characteristic, one reason for its yield records. It is a very popular corn with Wisconsin farmers for filling silos, and probably the very best variety

was mostly grown in Jefferson and Trempealeau counties. It is very fine. Our Nebraska stock will answer for silage, where a cheaper corn is wanted.

PRICES OF SILVER KING OR WISCONSIN NO. 7 FOR 1922.

Wisconsin Grown, Ears: $\frac{1}{2}$ pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Crates free.
Wisconsin Grown, Shelled: $\frac{1}{2}$ pk., 65c; pk., \$1.20; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25. (Bag extra.)
Nebraska Grown, Shelled: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.15; 5 bus. at \$2.00; 10 bus. at \$1.90.

WISCONSIN NO. 25 CORN. (Earliest of All.)

We have long been looking for a good dent corn a little earlier than anything else we have had, something for extreme northern sections. Here we have it. Wisconsin No. 25 originated at the Ashland Station. It is a cross of Wisconsin No. 8 and a very early but deep-kerneled yellow dent which Prof. Delwiche secured from Northern Michigan. Prof. Delwiche says:

"We have selected from the original cross with the idea of fixing a type of corn similar in general appearance to the Wis. No. 8 but of earlier maturity. Our tests at Spooner have shown this new variety to be about a week to ten days earlier than the Wis. No. 8. The ideal we are working towards, and which is quite well fixed now, is for stalks ranging from seven to nine feet in height on medium soil, quite leafy; ears rather low on the stalk with from twelve to sixteen rows, kernels well dented but not rough. The proportion of corn to cob for this variety is somewhat greater than for the Wis. No. 8, being about 85% while our Wis. No. 8 (northern strain) is approximately 81% to 82%.

This is certainly the corn to plant in the northern counties of Wisconsin if mature ripe corn is wanted. All who have tried it out in that part of the state are very enthusiastic over it.

The County Agent of Oconto County writes regarding Wis. No. 25 corn.

"I picked ripe seed corn on George Lemorande's farm in the town of Spruce, Oconto County, on August 20th and he tells me that it had been ripe for several days then. It is at least two weeks earlier than the No. 12 grown next to it in the same field. The No. 12 which I am comparing it to, was seed corn that has been acclimated to our community and it is as early as any No. 12 I know of."

PRICES OF WISCONSIN NO. 25 FOR 1922.

$\frac{1}{2}$ pk., 70c; pk., \$1.35; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.
(All our stock is shelled and is from the Northern Counties of Wisconsin.)

MINNESOTA NO. 13.

Minnesota No. 13 is an extra early yellow dent originated a few years ago at the Minnesota Experiment Station. It has proved to be just the variety needed for Minnesota conditions and it is by all odds the most popular and the most valuable variety of corn in Minnesota today. It is proving equally valuable in Wisconsin and other Northern states.

Description. Minnesota No. 13 grows fairly good sized ears, 7 to 8 inches long, with well filled tips and uniform in type and color. Stalks grow to height of about 7 feet and being leafy make excellent fodder. The corn matures in 90 days of ordinarily favorable weather. Sometimes in less time.

Our stock was all grown right here in our own county, near Madison. It runs about as large as Golden Glow, perhaps a little larger, and is in fact very much like Golden Glow. It is very fine corn. We can furnish it either shelled or on the ear.

Prices, Ears: $\frac{1}{2}$ pk., 75c; pk., \$1.45; bu., \$4.25; 5 bus. at \$4.10; 10 bus. at \$4.00.

Shelled: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.



Typical Ears of Minnesota No. 13.

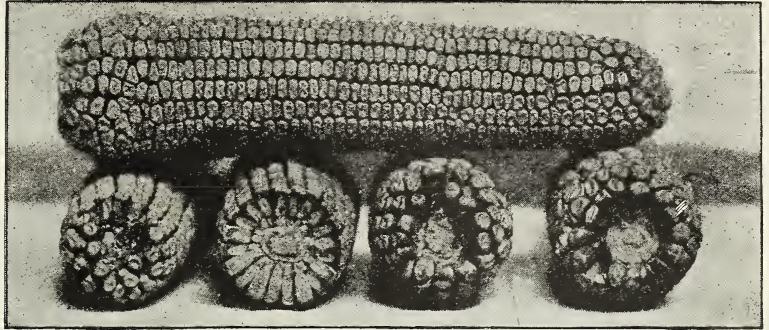
WESTERN GROWN AND FODDER CORN.

The corn offered on this page is mostly Nebraska grown. That means of course that it will be later in maturing than Wisconsin corn. It is all good seed corn however, is well graded and shows high germination tests. In fact our western grown corn this year is probably the finest western corn we ever had with the prices the lowest.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo.

Prices, Nebraska Grown, Shelled: ½ pk., 40c; pk., 70c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75. Bags extra at 30c.



Reid's Yellow Dent, A Very Popular Yellow Corn.

PRIDE OF THE NORTH.

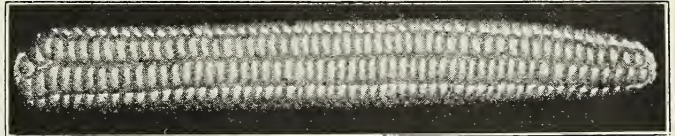
The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn.

Nebraska Grown, Shelled: ½ pk., 40c; pk., 75c; bu., \$2.15; 5 bus. at \$2.00; 10 bus. at \$1.90.

EARLY NORTHWESTERN DENT.

A famous corn with Northern growers. Red kernels with a yellowish cap. Our stock is Nebraska grown.

Prices: Same as for Pride of the North.



PRIDE
OF THE
NORTH

IMPROVED SMUT NOSE FLINT.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock of this variety is not western grown but was grown in Dodge County, Wisconsin, and is a very choice lot.

Prices, Shelled: ½ pk., 60c; pk., \$1.15; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Ripens in 75 to 85 days. Our stock is Nebraska grown.

Prices, Shelled: ½ pk., 50c; pk., 95c; bu., \$2.75; 5 bus. at \$2.60; 10 bus. at \$2.50.

SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. Stalks are tall and leafy with usually 2 or 3 ears each.

½ pk., 50c; pk., 90c; bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25. (Nebraska grown.)

GIANT RED COB ENSILAGE.

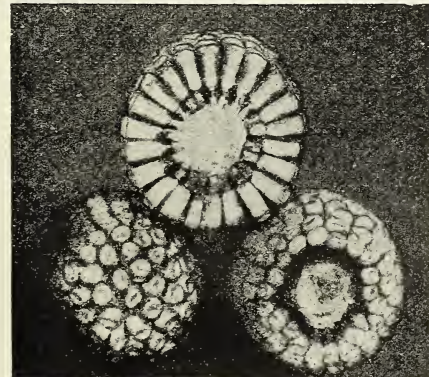
A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the North where a large growth of green fodder is desired. There is nothing better to plant for cutting up and feeding green right from the field and where it is not desired to grow ears it will prove the most profitable for the silo. Our stock is Missouri grown.

Prices: ½ pk., 35c; pk., 60c; bu., \$1.75; 5 bus. at \$1.60; 10 bus. at \$1.50.

SOUTHERN WHITE FODDER.

Another tall growing, mammoth Southern variety, planted in the North for green fodder only. Much like Giant Red Cob Ensilage but with white cob instead of red.

Prices, same as for Giant Red Cob.



Improved Leaming.

IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in Wisconsin and is in great demand in the North as a silage corn.

Nebraska Grown, Shelled: ½ pk., 35c; pk., 60c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

EVERGREEN SWEET FODDER CORN.

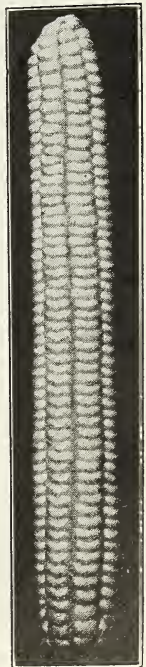
A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages. Stock offered is whole crop, not screenings.

Prices: ½ pk., 60c; pk., \$1.10; bu. (45 lbs.), \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck, grain bags holding 2½ bus. 30c each.

Sample ear, any variety offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over.

Prices of corn are subject to change after Feb. 1st.



Sanford's.

OLDS' SEED BARLEY

We are located right in the midst of one of the best barley growing sections in the world. We are headquarters for Wisconsin Pedigree "the only barley." Buy your seed of us.



Wisconsin Pedigree No. 5, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY

THE WORLD'S CHAMPION BARLEY.



Wisconsin is a great barley state and Wisconsin barley leads the world. In average yield per acre Wisconsin was ahead of Iowa, Minnesota and Michigan, the principal other barley states, for the 10 years, 1910 to 1919. Twenty-five years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of everything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

There is really only one variety of barley in the world now worth considering—Wisconsin Pedigree.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

First:—It outyields all others. The average yield in Wisconsin for 5 years was 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.

Second:—Plumpness of Grain. All who have grown it notice the unusually plump kernels.

Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Uniformity. All the kernels are alike, an important matter with barley.

Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh:—Large Heads. Many speak of the unusually long, large heads.

PEDIGREE NO. 5. There are several different strains or numbers of Wisconsin Pedigree Barley. Ours is Pedigree No. 5 of Oderbrucker origin and this is the one that has taken so many prizes. We secured our original seed stock of Mr. H. E. Krueger who had this barley two years ahead of others. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigree Barley No. 5 the past 13 years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself, as well as the state of Wisconsin, famous through the prizes he has won.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1922.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu., (48 lbs.) \$1.35; 2 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. Heavy jute sacks, holding two bushels each, extra at 10c. Barley prices are subject to change after Feb. 1st.

ODERBRUCKER. (WISCONSIN NO. 55.)



Oderbrucker Barley was first offered in 1907. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in most other varieties. It is a stiff strawed, heavy-yielding, bearded variety. Prices, same as for Wisconsin Pedigree.

780 Bushels Pedigree Barley from Ten Acres.

Chas. E. Tallmadge, Illinois, writes: "I sowed 9 bushels of Marquis wheat on 5 acres from Montana seed bought of you last spring and threshed 270 bushels of fine wheat, using 5 pounds of twine to the acre binding. Also bought Wisconsin Pedigree Barley of you. Sowed 24 bushels and threshed 780 bushels from 10 acres."

John M. Grueter, Wisconsin, writes: "The Barley, Wisconsin Pedigree No. 5, received from you gave 39 bushels from one-half acre. The seed looks better and plumper than what I got from you."

70 Bushels Per Acre—Finest Ever Grown in the County.

Wm. Lillis, Scott Co., Iowa, writes: "My order was for 25 bushels Barley and 25 bushels Oats. Each lot covered 12 acres. The Barley yielded 70 bushels per acre of fine, heavy grain and the Iowa No. 105 Oats yielded 77 bushels per acre. I must say the Oats and Barley were the finest fields that ever grew in this county, the oats in particular, medium straw, short, heavy, compact heads, plump berry, the most perfect oats ever produced. I want to thank Olds' Seed Company very much for such grand seed."



OLDS' MONTANA WHITE HULLESS.



No Beards or Hulls. Yields 60 Bushels Per Acre. White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all.

It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre. Sow in spring, $1\frac{1}{2}$ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have had White Hulless Barley from Montana as it grows there to perfection. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger. Our stock this year is very fine and Montana grown.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 50c; pk., 95c; bu. (48 lbs.), \$2.35; 2 to 10 bus. at \$2.25; 10 bus. at \$2.20; 25 bus. at \$2.15. Grain bags extra at 30c.

JAPANESE BUCKWHEAT.

Succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow buckwheat from June 10 to July 10, one bushel per acre.

Prices—By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 30c; pk., 50c; bu., (50 lbs.) \$1.60; 2 to 10 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. or over at \$1.40. Sacks extra at 10c.

SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Very productive and fine for grinding. Prices, same as for Japanese.

MIXED BUCKWHEAT.

Many growers consider it an advantage to mix Japanese and Silver Hull for sowing. The Japanese is taller than the Silver Hull but less branching. The two together fully occupy the land and the result is a larger yield. We have quite a stock this year already mixed as it is grown that way, by some of the best buckwheat farmers around Madison.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; 2 bus. at \$1.40; 10 bus. at \$1.35; 25 bus. at \$1.30. Sacks extra at 10c.

NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 75c; pk., \$1.35; bu., \$4.00; 2 bus. at \$3.90; 10 bus. at \$3.85. Bags extra at 30c.

COMMON FLAX.

Prices: Pk., \$1.15; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.10. Bags extra.

OLDS' MAMMOTH SPRING RYE.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop. Grows a tall strong straw six feet high and produces 30 to 40 bushels per acre, the same kind of grain as winter rye.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.25; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. at \$2.05. Bags extra.

SPELTZ OR EMMER.

THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more bushels per acre than either oats or barley.

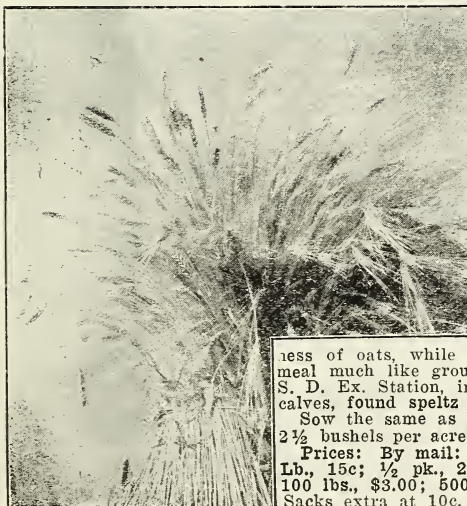
Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge.

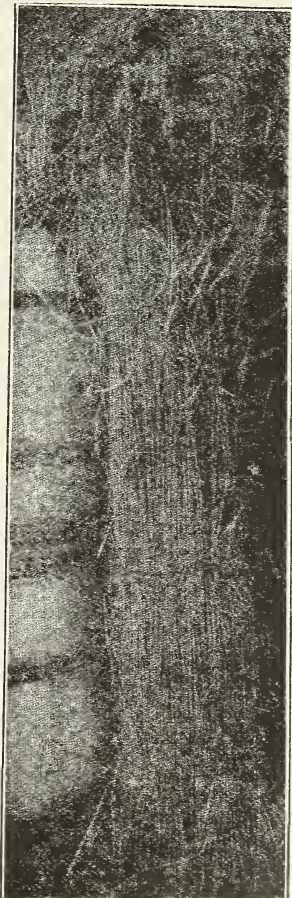
Fifth. It makes a well balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn.

Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 25c; pk., 40c; bu., (40 lbs.) \$1.20; 100 lbs., \$3.00; 500 lbs. at \$2.90; 1,000 lbs. at \$2.85. Sacks extra at 10c.



Sheaf of Speltz.



Olds' Spring Rye.

OLDS' SEED WHEAT

Wisconsin stood first in yield per acre of wheat for the 10 years, 1910 to 1919, of the six states—Wisconsin, Minnesota, Iowa, Illinois, Indiana and Michigan.



Field of Marquis on Farm of A. J. Vieth, Dane County, Wisconsin.

MARQUIS SPRING WHEAT (Best of all Varieties)

The Wheat That Has Displaced All Other Varieties.

Marquis wheat is in a class by itself. It is different. It produces great yields of splendid wheat on old farms everywhere, where it was not supposed that wheat would succeed at all. Farmers all over the Middle West tried out Marquis in 1918 in response to the urgent request of the Government to grow more wheat. They were all sorry they did not sow larger acreages. Why, it was nothing uncommon for farmers in southern Wisconsin and northern Illinois to report yields of 40 bushels per acre and over and down in Will County, Illinois, the farmers secured yields as high as 60 bushels per acre, where they had not grown wheat in years.

Paul R. Lisher, Farm Advisor for Will County, Illinois, wrote Sept. 3, 1918: "I am very glad to report to you that from the Marquis spring wheat purchased from you last spring that some of our farmers have secured yields as high as 60 bushels per acre. Every one who has seen or used this wheat has commented upon its quality. Evidently it was the finest seed ever brought into this territory. However, there has been only a small acreage grown here before this year. Yields of 50 bushels per acre are relatively common and practically all the wheat from this seed has yielded 45 bushels per acre or better."

We shipped four carloads of this wheat into Will County on Mr. Lisher's orders.

Origin. Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Dr. Saunders says:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield was at the rate of 81½ bushels. Marquis is an excellent hard wheat ripening about a week earlier than Red Fife."

Description. Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Fife and other hard spring varieties. The grains are short and thick and very plump making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff strong straw of good length. It ripens early, a little ahead of other spring varieties.

Marquis has proved itself out all over the middle West. It has done well on old established farms as well as on new lands nearly everywhere. Wheat is a staple. The country must have it. The world must have it. We do not recommend sowing your whole farm to Marquis wheat but sow some. Study your soil conditions. Pick out the best place for wheat. Use some commercial fertilizers. See page 91. And last of all, procure good seed.

Most of our stock of Marquis this year is Canadian grown. It is beautiful wheat—plump, bright, clean, free from wild oats and full of vitality. We know it will please our customers in appearance and we are confident it will do well here in the United States. We have a limited stock of Wisconsin grown Marquis, also some Montana grown seed that is fine. Mention the stock wanted if you have any preference. Price is the same for all.

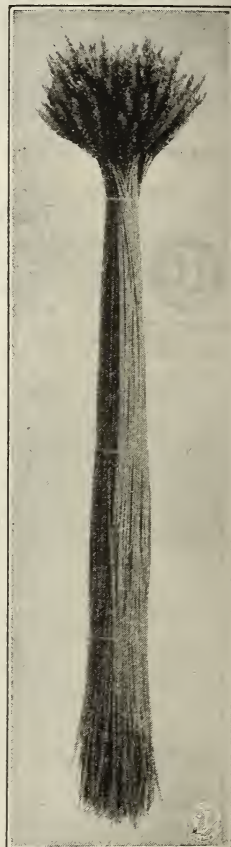
PRICES OF MARQUIS WHEAT FOR 1922.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 85c; bu., \$2.50; 2 bus. at \$2.40; 10 bus. at \$2.35; 25 bus. or over at \$2.30. Two bushel grain bags extra at 30c.

DURUM WHEAT. (MACARONI.)

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It was first sent out by the U. S. Dept. of Agriculture with strong recommendations as to its value for semi-arid lands. The acreage has constantly increased. As a rule it outyields any other variety of spring wheat; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 85c; bu., \$2.50; 2 to 10 bus. at \$2.40; 10 bus. at \$2.35; 25 bus. at \$2.30. Bags extra




Sheaf of Marquis.



Field of Wisconsin Wonder on the Krueger Farms.

WISCONSIN WONDER SPRING WHEAT

EARLIEST WHEAT KNOWN IN AMERICA.

 Wisconsin Wonder is a new variety of wheat from Henry Krueger. We offered it two years ago for the first time. Its distinguishing characteristic is its extreme earliness. Mr. Krueger says:

"It ripens in 90 days and is as early as barley or Kherson oats. Just the thing for seeding alfalfa or clover. We harvested it before winter wheat and cut a crop of clover on the same field September 9th that yielded two tons of hay per acre. This wheat gets ahead of rust or blight. Straw not over 30 inches long. What's the use of handling so much straw when you can get more seed with less straw."

Mr. Krueger won sweepstakes on this wheat at the International Wheat Show at Wichita, Kansas, three years in succession, 1915, 1916 and 1917. This shows it is real wheat.

Describing Wisconsin Wonder further: it is a bearded wheat with short, stiff straw; it is a hard red wheat, something like Red Fife in appearance and will grade No. 1 Northern. It never lodges even on rich ground and its remarkable earliness puts it in a class by itself, making it of greatest value as a nurse crop for clover and alfalfa.

Swartz Bros. of Cornfalfa Farms, Waukesha County, Wisconsin, say:

"We have grown this wheat as a nurse crop for alfalfa the past four years and do say it's the best nurse crop known for alfalfa. Sow two bushels to two and one-half bushels to the acre as it will not stool and will not lodge on rich ground. It ripens in from seventy to eighty days and shades but very little. We have always had an excellent catch of alfalfa and never a failure since we have used this wheat."

H. & H. Lurvey, also of Waukesha County, who grew part of our stock of Wisconsin Wonder say:

"It is the earliest variety and is harvested before winter rye. It is considered the best of grains for seeding alfalfa and other clovers with. It is guaranteed not to lodge on the richest of land. Yields well and of the choicest berry. It is usually ready for harvest when the hot waves shrink the berry of other wheat."

This wheat has also been grown a little in Minnesota. Mr. C. M. Kelehan, a County Agent of Minnesota, reports a yield from one field of Wisconsin Wonder of 46 bushels per acre.

PRICES OF WISCONSIN WONDER WHEAT FOR 1922.

By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 60c; pk., \$1.00; bu., \$2.90; 2 bus. at \$2.80; 10 bus. at \$2.75; 25 bus. or over at \$2.70. Bags extra at 30c.

Use Formaldehyde to prevent smut in grain. See page 93.

OLDS' WINTER WHEAT AND RYE.

We have splendid winter wheat and rye, the best varieties, all grown right here near Madison by careful growers. Write us for complete descriptions and prices when your are ready to buy next summer or fall.

WINTER WHEAT.

Present prices of all varieties except Triplet. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 40c; pk., 75c; bus., \$2.25; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. at \$2.05. Bags extra.

WISCONSIN PEDIGREE NO. 2.

Hardest and best for Wisconsin and the Northwest. Developed at the Wisconsin Experiment Station from Turkey Red.

GLADDEN.

A new one from Ohio. Becoming very famous there, outyielding everything else. Bearded and much like Turkey Red in appearance.

WORLD'S CHAMPION.

The famous Krueger prize wheat. From Turkey Red and like it in appearance. Adapted to Wisconsin and mighty satisfactory.

IMPROVED TURKEY RED.

We have a splendid improved strain of this well known hardy variety.

TRIPLET.

A strictly new variety from the State of Washington. Beardless. Two years' trial here have found it perfectly hardy and very satisfactory, outyielding our other varieties.

Prices, by mail: Lb., 30c; 3 lbs., 65c. By freight: Lb., 25c; ½ pk., 60c; pk., \$1.00; bu., \$2.90; 2 bus. at \$2.80; 10 bus. at \$2.75; 25 bus. at \$2.70.

WINTER RYE.

Present prices, both varieties rye. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu., (56 lbs.) \$1.80; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. at \$1.60. Bags extra at 30c.

WISCONSIN PEDIGREE RYE.

Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Experiment Station. Heavy plump, uniform kernels.

ROSEN RYE.

A new variety from Michigan that is now becoming famous everywhere. Greatly outyields ordinary rye.



A Field of Soy Beans Grown in the North for Hay.

SOY BEANS. (Great For Feed and For Enriching the Soil.)



Soy Beans have a double value. First, they are great for feed, for hay and silage as well as for the dry beans, and second, they are nitrogen gatherers and enrich the soil wherever grown.

As a dry bean they are immensely productive and are equal to oil meal in feeding value, pound for pound.

They are being raised with success now in all the northern states as well as in the central and southern states. Many northern farmers are planting with corn for silage. In Iowa they grow with corn for "hogging" down.

The Wisconsin College of Agriculture is urging farmers to grow more of the leguminous crops, especially Soy Beans. They are recommending them as a hay crop and for silage, telling the farmers also that they will add a great amount of fertility to the soil, just the thing needed, especially on light sandy soils.

CULTURE: If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed in rows, a bushel of seed per acre may be profitably used, distributing the beans about one inch apart in the row. Do not plant too early. Never before corn planting time. If you do the seed will rot.

WISCONSIN PEDIGREE BLACK. A pedigreed strain of Early Black developed at the Wis. Ex. Station. Earliest of all. Largely grown now all over Central and Northern Wisconsin. Our stock is all Wisconsin grown.

Prices, by mail: Pkt., 5c; lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 70c; pk., \$1.30; bu., (60 lbs.) \$3.75; 100 lbs., \$6.25; 500 lbs. at \$6.00. Bags free.

ITO SAN. Most popular early variety. Produces small yellow beans. Next in earliness to Wisconsin Pedigree Black. Matures dry beans in 95 days. We have Wisconsin grown seed, which will fully mature in the North.

Prices: Same as for Wisconsin Pedigree Black.

WISCONSIN PEDIGREE ITO SAN. A pedigreed strain of Ito San developed recently at the Wis. Station.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., 80c; pk., \$1.50; bu., \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75.

MANCHU. A medium variety. Considerably larger than Ito San. The favorite at the Wis. Ex. Station for hay and for silage. We recommend this as the most satisfactory of all varieties for planting with corn for silage.

Prices, Wisconsin grown seed, same as for Wisconsin Pedigree Black.

ILLINOIS GROWN MANCHU. Pk., \$1.15; bu., \$3.30; 100 lbs., \$5.50; 500 lbs. at \$5.25.

Prices, following three varieties: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.15; bu., \$3.30; 100 lbs., \$5.50; 500 lbs. at \$5.25. All Soy Bean prices include bags.

EARLY BROWN. Just the same as Ito San, except that the beans are brown instead of yellow. Ohio grown.

EARLY BLACK. Matures in 100 days. Hardly large enough for the best hay crop variety. Illinois grown.

ELTON. Next to Early Black in season. A trifle larger. Indiana grown.

HOLLYBROOK. A great favorite for hay or silage. A trifle later than Manchu. Yellow seeds. Virginia grown.

Prices: By freight: Lb., 20c; ½ pk., 60c; pk., \$1.10; bu., \$3.15; 100 lbs., \$5.25; 500 lbs. at \$5.00.

MMAMOTH YELLOW. Largest of all varieties. Planted quite largely for silage and popular for that purpose because of its large growth. Will not mature pods. Our stock is North Carolina grown. Prices: Same as for Hollybrook.

Note. For further information on Soy Beans write Wis. Coll. of Agr., Madison, Wis., for "Bulletin No. 289," Ill. Coll. of Agri., Urbana, Ill., for "Bulletin No. 198;" or Iowa Coll. of Agr., Ames, Iowa, for "Bulletin No. 68."

COW PEAS.

Sow broadcast after corn planting, 1½ bushels per acre. If sown too early seed will rot. Inoculate before sowing.

WHIPPOORWILL. The standard variety. Seeds brown in color. Most popular of all Cow Peas.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight Lb., 20c; ½ pk., 60c; pk., \$1.15; bu., (60 lbs.) \$3.30; 100 lbs., \$5.50; 500 lbs. at \$5.25. Prices for Cow Peas include bags.

NEW ERA. Earlier than Whippoorwill. Small blue seeds. Prices: Same as Whippoorwill.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

DWARF ESSEX RAPE.

Every farmer should have a patch of rape. There is nothing that will make as quick pasture and it is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.
 2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain is about up.
 3. Alone in June or July, on newly plowed land.
 4. With corn just before the last cultivation.
 5. With rye, in August or September, for late pasture.
- A word about the seed. We buy in car lots and handle only the best and purest Holland grown Dwarf Essex, entirely free from bird rape, mustard and everything of that sort. The Dwarf Essex is the desirable variety of rape, and the only one recommended. Do not buy anything else.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$8.50; 500 lbs. at \$8.25. Bags free.

OLDS' FIELD BEANS.

WHITE NAVY. Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., 75c; pk., \$1.40; bu., \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags free.

RED KIDNEY. Large handsome red beans. Quoted the highest in any market and in great demand with the fancy trade. Our seed is the best Wisconsin grown.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., \$1.15; pk., \$2.20; bu., \$6.60; 100 lbs., \$11.00.

OLDS' FANCY WISCONSIN FIELD PEAS.

WHITE CANADA. Sometimes called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Sow 1½ to 2 bus. per acre broadcast with oats. Our stock is fancy Wisconsin grown. The same is true of all the other field peas we offer. This stock costs more than the ordinary field peas offered, grown in Canada or the west, but in our judgment is worth much more for seed purposes. We recommend buying early as prices are likely to be higher. Wisconsin's total crop of field peas the past season was only 665,000 bushels as compared with 1,063,000 bushels for 1920.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.40; bu. (60 lbs.), \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags free.

GREEN CANADA. Much the same as White Canada except that the peas are green in color. Prices by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 70c; pk., \$1.30; bu., \$3.90; 100 lbs., \$6.50; 500 lbs. at \$6.25.



"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers." Breeders' Gazette.

WHITE MARROWFAT. Vines large with well-filled pods of large peas. Our stock is Northern Wisconsin grown and very fine. Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 85c; pk., \$1.55; bu., \$4.65; 100 lbs., \$7.75; 500 lbs. at \$7.50.

SCOTCH BEAUTY. A blue pea of fine quality. Very popular for soups. Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.35; bu., \$4.05; 100 lbs., \$6.75; 500 lbs. at \$6.50.

SAND VETCH OR WINTER VETCH

(VICIA VILLOSA).

This very valuable leguminous plant is coming into greater favor each year. Highly recommended by the Wisconsin Experiment Station, especially for lighter soils. Fall is the best time for sowing but it can also be sown in the spring. Sow with rye in September or early October, 15 to 20 pounds of vetch and ½ bushel rye per acre or sow in spring the same way with ½ bu. of oats or barley for a support. Makes very fine fall and winter pasture and it can also be pastured in early spring. Then it can be plowed under or left for a hay crop if preferred. It not only makes the finest kind of feed, but it brings an immense amount of fertility to the soil. The seed we offer is fancy.

Do not confuse Winter Vetch with Spring Vetch. Spring Vetch we do not recommend for sowing in the north at all.

Prices, by mail: Lb., 40c; 3 lbs., \$1.00. By freight: Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$14.00; 500 lbs. at \$13.50. Bags free.

(Ask for Illustrated Bulletin, "Vetch and Its Culture.")

Note. Prices for everything on this page include bags. Prices quoted in the catalog are subject to change after February first. Ask for our "Weekly Price List" after that date. Samples showing purity and germination tests furnished free on application.

Use Nitragin or Standard Inoculating Bacteria for Peas, Beans and Vetch. See pages 3 and 5.



Winter Vetch.



White Kaffir (See page 26).

EARLY AMBER CANE.

Farmers all over Wisconsin as well as in other northern states are raising sorghum more and more. Sorghum mills have sprung up everywhere. An acre or two planted to Early Amber Cane makes a fine lot of syrup and helps out the sugar question very satisfactorily. Plant in rows and cultivate the same as corn, using northern grown seed. Two to five pounds will plant an acre. We have a very choice strain of seed to offer this year grown for us by special sorghum experts in Minnesota. This seed is not only absolutely pure Early Amber but it is from an improved strain developed for high sugar content.

Early Amber Cane is also great for feed as well as syrup. The southern grown seed is better for that purpose as it makes a larger growth. May be sown broadcast or with drill, 40 to 50 pounds per acre.

Northern Grown: By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$5.00. Bags free.

Southern Grown, for fodder purposes, by freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$2.50.

EARLY ORANGE CANE.

A week later than Early Amber. Taller and more productive. We have pure Illinois Grown seed for sorghum purposes and Southern Grown for fodder. Prices, same as for Northern and Southern Early Amber.

WHITE KAFFIR CORN.

(See illustration preceding page.)

Makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart and cultivate the same as corn. Five to ten lbs. will seed an acre in rows, or $\frac{1}{2}$ bu. broadcast. Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$2.40.

SUDAN GRASS. (The Great New Hay Crop.)

Produces twice as much hay per acre as any of the common forage plants. Sudan Grass is comparatively new. It is only 13 years old in the United States and only about seven years old in Wisconsin and other northern states. But it is of greater value than millet or any of the sorghums. It will grow wherever millet grows, is just as easily handled, and produces more hay per acre and of better quality.

It makes a heavy yield, four to six tons of cured hay per acre. Two cuttings a season can usually be made. The hay is first class in quality, equal to timothy hay in feeding value and better than millet. All kinds of stock eat it readily. It is easily and cheaply grown. Sow broadcast and harrow in the same as oats, 15 to 20 pounds per acre, any time from May 15th to July 1st. Do not sow too early. Cut for hay just before the seed matures.

There is nothing objectionable about Sudan Grass. It is not only grown at slight expense for seed and labor but it is an easy crop on the land, at any rate no harder on the land than millet or timothy. It is easily gotten rid of as it is strictly an annual and is completely killed by frost. Sudan Grass is certainly great. For an emergency hay crop, both for quantity and quality, it is very satisfactory. Every farm should have some.

Prices, by mail: Pkt., 5c; lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50; 100 lbs., \$5.50; 500 lbs. at \$5.25. Bags free.

FETERITA.

Feterita is rather a recent introduction and it has already made a great name for itself. It is 25 days earlier than Kaffir Corn, outyields Kaffir and is little affected by drouth. Culture same as for Kaffir Corn.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$2.50.

YELLOW MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing $\frac{3}{4}$ of a pound each. Plant same as Kaffir Corn.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$2.50.

BROOM CORN.

Plant in rows 3 to $3\frac{1}{2}$ feet apart, the seeds 2 to 3 inches apart in the row, and cultivate the same as corn. 10 pounds will seed an acre.

Standard Evergreen. Most popular in the north. Oklahoma Dwarf. Largely grown in the south.

Prices, either variety, by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$6.50.

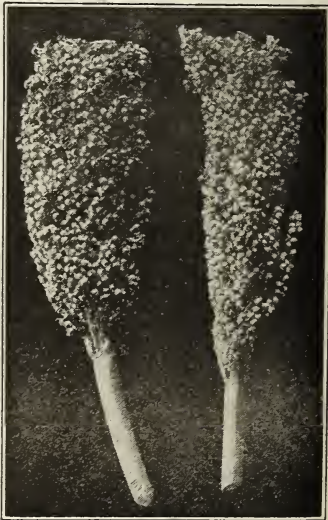
Note. Bags free at prices named for everything on this page. Write for special prices in large quantities.



Early Amber Cane.



Sudan Grass.



Feterita, the Great Drouth-Resister.



WHITE WONDER MILLET

WHITE WONDER MILLET.

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and also in the north; it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches in length and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as much as that of Golden Millet.

Another very desirable feature of White Wonder Millet is its earliness. This variety is earlier than Golden Millet but not quite as early as Siberian.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed is beautiful seed, the prettiest millet we ever saw. We have both Kansas grown and northern Illinois grown seed. Tell us which you want if you have any preference. Same price for both.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 45c; 10 lbs., 75c; 100 lbs., \$3.50; 500 lbs. at \$3.35. (Bags extra at 30c.)

JAPANESE MILLET. (BILLION DOLLAR GRASS.)

Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections: does especially well on low ground; makes more hay than Golden or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will produce a heavy yield of seed which can be used for feed.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, as picked from the field of one of our growers, gives some idea of the immense seed production.

Prices: Wisconsin grown seed: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$5.75; 500 lbs. at \$5.60. Sacks extra. Kansas Grown Japanese: 100 lbs., \$5.25; 500 lbs., at \$5.10.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry.

Prices: By mail: Lb., 20c; 3 lbs., 50c. By freight: Lb., 15c; 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$2.85; 500 lbs., at \$2.70. Bags extra at 30c.

EARLY FORTUNE. Another large seeded variety grown principally for seed instead of for hay. Like Hog millet except in color of the seed.

Prices, same as for Hog Millet.

MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Also grown quite largely now for silage. It makes a larger amount of feed than ensilage corn and is claimed to be superior in feeding value to corn. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$7.00; 500 lbs. at \$6.75.



GOLDEN MILLET (Formerly German)

The most popular of all millets. Grows larger than Common Millet, and is more productive.

Our main stock of Golden Millet this year is Kansas grown and was grown on contract from special select seed on clean new lands. It has the true Golden color and the seed is uniform, round and plump. It can be fully relied on as a fancy lot of pure genuine Golden.

We have also Western Golden that is nice and also Wisconsin grown seed from Kansas Golden of last year. The Wisconsin grown is lighter in color, more like common millet in appearance. In fact Golden Millet tends to become like common on being sown in the north.

Prices: Fancy Kansas, by freight: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$3.00; 500 lbs., at \$2.85. Bags extra at 30c.

Western Golden: 100 lbs., \$2.75; 500 lbs. at \$2.60.

Wisconsin Golden: 100 lbs., \$2.75; 500 lbs. at \$2.60.

COMMON MILLET. A little earlier than Golden Millet. Seed white instead of yellow.

Prices: Fancy Colorado: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$2.50; 500 lbs. at \$2.35.

SIBERIAN MILLET. Also called Russian Millet. Hardier and earlier than Golden Millet. Quite popular.

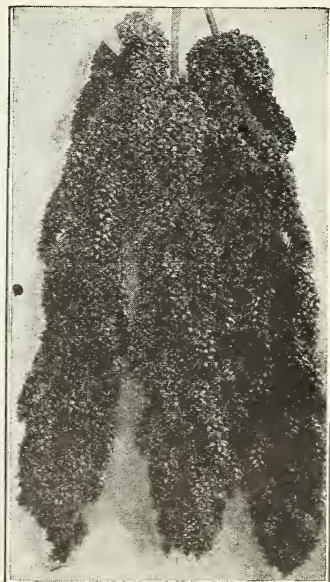
Prices: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$2.85.

HUNGARIAN. A very popular variety of millet, a week earlier than Golden Millet. Our stock is Northern Indiana grown and very fine.

Prices: 5 lbs., 40c; 10 lbs., 70c; 100 lbs., \$3.00; 500 lbs. at \$2.85.

(One pound, any of the above, by mail, 20c; 3 lbs., 50c. By freight: Lb., 15c.)

Note. All Field Seed prices may be changed after February first. Ask for "Weekly Price List." Bags are extra for all Millets. Samples free.



Japanese Millet.

OLDS' VEGETABLES



Olds' Seeds are grown for seed purposes only and are equal to any offered. We catalog only varieties of merit—those that we know can be relied on. See back cover page for our collection offer of Wisconsin Standards.



Our Garden Seeds are tested for quality and germination before being put up. Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a (★) those we especially recommend for general cultivation.

POSTPAID BY MAIL. WE DELIVER POSTPAID TO ANY POST-OFFICE IN THE UNITED STATES ALL VEGETABLE AND FLOWER SEEDS OFFERED IN THIS CATALOG AT MAIL PRICES.

OLDS' ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Leaflet on Asparagus Culture, free on request. Each Packet contains sufficient seed to plant 15 feet of drill. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Price, same as for Conover's Colossal.

6. **NEW GIANT RUST PROOF** (Washington). Washington Asparagus is an extremely vigorous and high-yielding strain of giant asparagus. The plants are uniformly rust resistant, heavy yielding, large size, of rapid growth and very tender. The Washington is truly an American strain, free from the blight and rust of Central Europe. Price for 1922: Pkt., 15c; 2 pkts., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$4.50.

ASPARAGUS ROOTS. We recommend our strong one-year-old roots, grown on our own farm, as the most satisfactory size for either home or market gardening. These are grown from carefully thinned seedlings on rich, loose soil—they are stocky vigorous and run nearly as large as the usual 2-year old roots. They will also stand transplanting better and eventually give a much larger yield. Price, Columbian Mammoth White, Palmetto, one-year old roots, 25 for 40c; 100 for \$1.45, postpaid. By express or freight, not prepaid, 100 for \$1.15; 1,000 for \$9.00. Two-year old roots, 25 for 75c; 100 for \$2.00, postpaid. By express or freight, 100 for \$1.60; 1,000 for \$12.00. New Giant Rust Proof (Washington), one-year old roots, 25 for 70c; 100 for \$1.90, postpaid. By express or freight 100 for \$1.55; 1,000 for \$11.50.

MARKET GARDENERS. If you are a market gardener or grow for market and use seed in larger quantities than packets and ounces—send for our market gardeners net price list—free on request.

SPECIAL QUOTATIONS. If your order is fairly large, send us your list. We will give you a special estimate, making if desired, a net price on the seed delivered at your station.



CULTURAL DIRECTIONS are printed on the back of each packet and ounce package of garden and flower seeds.

BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets each contain sufficient to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 1¼ bushels one acre. Beans weigh 60 lbs. to the bushel, except Lima Beans which weigh 56 pounds.



20½%. ★OLDS' EARLY STRINGLESS WAX. A new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod. Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, are light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

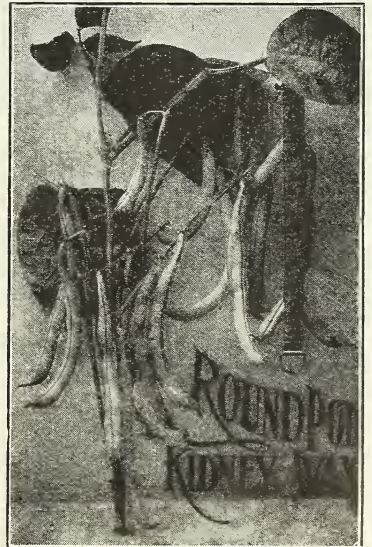
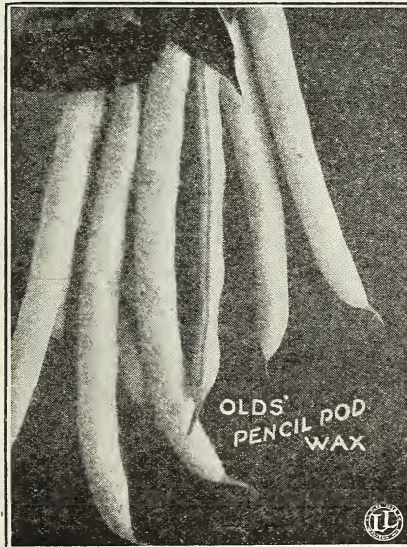
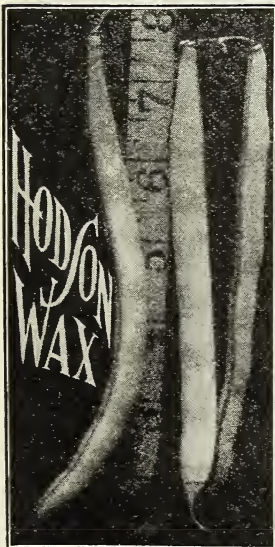
We have been growing this bean for several years and by careful roguing and selection have greatly improved it. The crop this year in common with the crop of other varieties of beans is good and our price for a new variety is very reasonable. Price for 1922: Pkt., 15c; 2 pkts., 25c; 3 pkts., 30c; lb., 35c; 2 lbs., 60c.

19%. OLDS' LATE STRINGLESS WAX. New Stringless Wax Pod—Our 1921 Introduction. Olds' Late Stringless Wax Pod is a selection from Burpee's Stringless Green Pod, but excels even that variety in delicious table quality. The long handsome waxy yellow pods are brittle, very meaty, and perfectly round—see illustration. The pods are crisp, tender and entirely stringless. It is a heavy yielder and the plants withstand unfavorable weather and soil conditions better than do most other varieties.

In season it immediately follows Olds' Early Stringless Wax, the two forming a close succession if the seed is planted at the same time. We offer these beans in a limited way this year: Pkt., 20c; 2 pkts., 35c; 3 pkts., 45c.

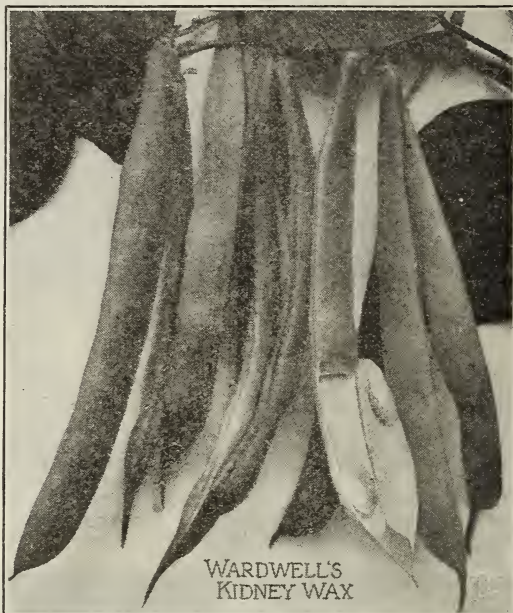
OLDS' EARLY STRINGLESS AND OLDS' LATE STRINGLESS WAX POD BEANS. One pkt., each, 30c; 3 pkts., 70c.

REMEMBER. We pay the postage on beans, regardless of zone, unless otherwise mentioned. See page 32 for prices of Beans by express or freight.





13. **BOUNTIFUL.** A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.



15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. The best green podded bean for either the market or home garden. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

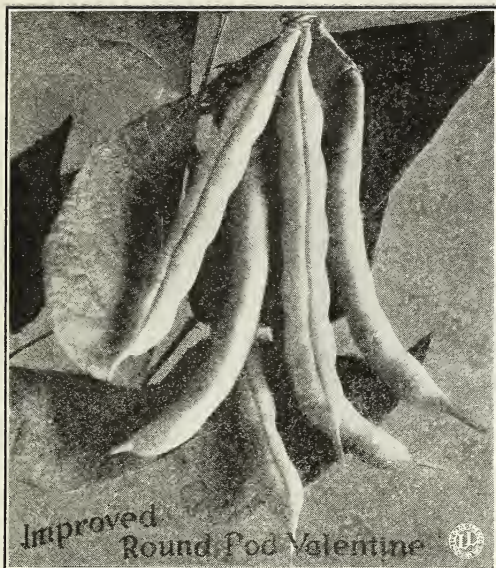
23. **WARDWELL'S KIDNEY WAX.** One of the earliest, hardest and most productive wax pod beans. Pods are long and showy, a third longer than Golden Wax, and a week earlier. A rich, golden-yellow, brittle and entirely stringless. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lb., 60c.

20. **IMPROVED GOLDEN WAX.** The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and stringless, the color is a rich golden-yellow. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

26. **WEBBER WAX.** The best wax bean for the market gardener. The flat lemon-yellow pods are stringless and quite meaty. Very early, one of the earliest wax varieties, and an enormous yielder. It is disease resistant, hardy and altogether a very dependable sort. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.



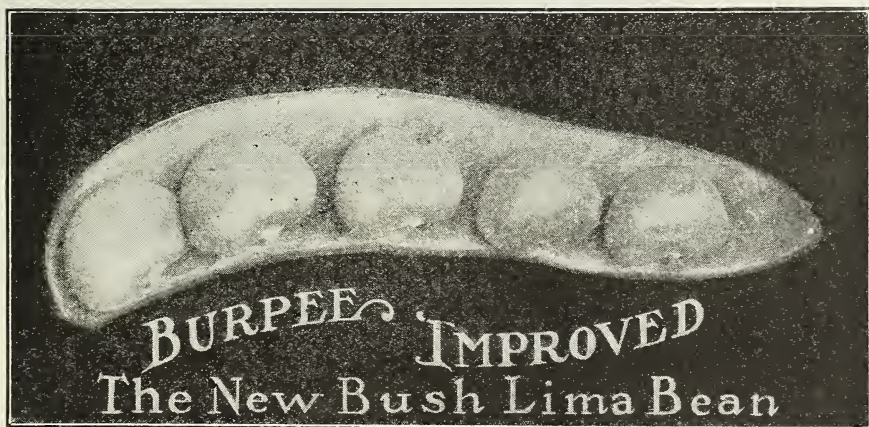
INSURED PARCEL POST. Packages of from \$15.00 to \$25.00 in value will be insured free, on request.



12. **IMPROVED ROUND POD VALENTINE.** An old favorite—producing snap-beans in 45 days from planting. The pods are of medium length, crisp and tender. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.



38. **KENTUCKY WONDER POLE.** A very popular variety. The vines are vigorous in growth and are very productive. The pods are borne in clusters; entirely stringless and cook tender. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.



34. **★BURPEE-IMPROVED BUSH LIMA.** Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 75c.

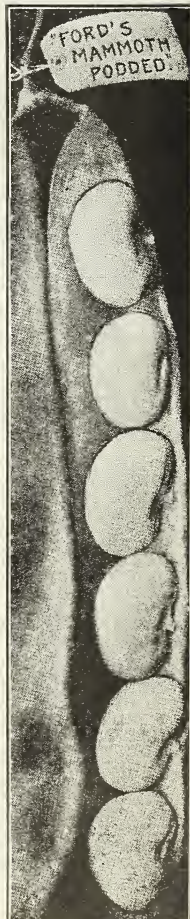
33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

33½. **GREEN SEEDED CARPINTERIA.** The most perfect Pole Lima Bean. Very productive, producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

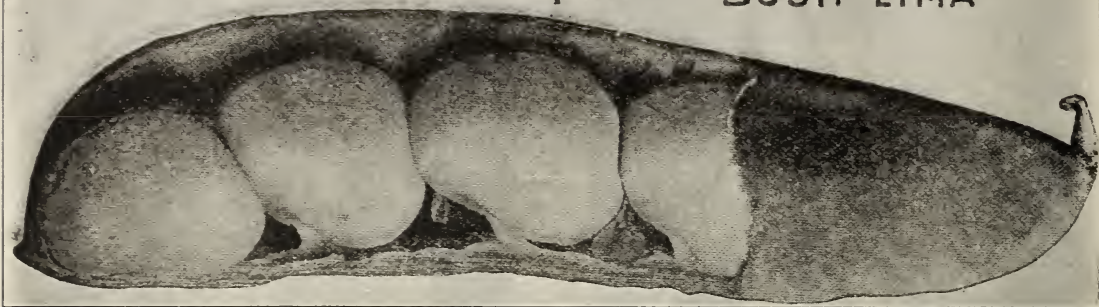
36. **LAZY WIFE POLE.** A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

NITRAGIN.

FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but a necessary investment for the best results. Price Garden Size, 17c, postpaid. Not postpaid, 15c.



FORDHOOK BUSH LIMA



3½. **FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans (illustrated above) and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., 10c; 2 pkts., 15c; lb., 45c; 2 lbs., 80c.

PARCEL POST SERVICE enables you to procure the best seeds direct from a regular seed house, at slight expense. Our catalog gives the postpaid price on Garden Seed in quantities up to and including 5 lbs. in weight. Larger shipments can be sent cheaper by freight or express, but for small orders parcel post is the cheapest.

ADVANTAGE IN EARLY ORDERS. Do not wait until you are ready to make garden before you order your seeds. Most orders are filled the same day as received, but it takes some time for the seeds to reach destination. It is to your advantage to order early and have the best seed in time to plant.

Kentucky Wonder Wax

Kentucky Wonder Wax. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 75c.

BEANS. Full List.

7½ pounds and 30 pounds at 15 pound and 60 pound rates.
Hardy, vigorous and productive.

GREEN-PODDED VARIETIES

	Pkt.	Lb.	2 lbs.	By ft. or exp. not prepaid.	2 lbs.	15 lbs.	60 lbs.
10. EXTRA EARLY REFUGEE. Early, hardy and productive.....	\$0.10	\$0.30	\$0.55	\$45	\$2.50	\$9.00	
11. ROUND YELLOW SIX WEEKS. Early, very productive.....	.10	.30	.55	.45	2.65	9.50	
12. IMPROVED ROUND POD VALENTINE. An improved strain.....	.10	.30	.55	.45	2.65	9.50	
13. BOUNTIFUL. A new stringless bush bean, early, tender.....	.10	.30	.55	.45	2.50	9.00	
14. LONGFELLOW. The new green pod.....	.10	.30	.55	.45	2.50	9.00	
15. ★ STRINGLESS GREEN POD (Burpee's). Best green pod.....	.10	.35	.60	.50	3.00	11.00	
16. GIANT STRINGLESS GREEN POD. Large pods; early, hardy and prolific.....	.10	.35	.60	.50	3.00	11.00	
18. TENNESSEE GREEN POD. A long, broad, bright green podded variety.....	.10	.30	.55	.45	2.65	9.50	
19. REFUGEE, OR 1000 TO 1. Medium early and very prolific.....	.10	.30	.55	.45	2.50	9.00	

WAX-PODDED VARIETIES

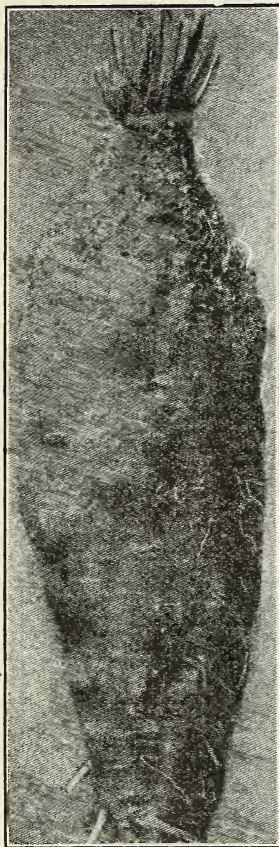
	Pkt.	Lb.	2 lbs.	By ft. or exp. not prepaid.	2 lbs.	15 lbs.	60 lbs.
19½. OLDS' LATE STRINGLESS WAX. A brand new wax bean. Our 1921 introduction.....	.20						
20. IMPROVED GOLDEN WAX. A very popular bean.....	.10	.35	.60	.50	2.85	10.50	
20½. OLDS' EARLY STRINGLESS WAX. A new wax pod bean. Our introduction.....	.15	.35	.60	.50	3.75	14.00	
21. IMPROVED BLACK WAX. Early and very prolific.....	.10	.35	.60	.50	2.75	10.00	
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.....	.10	.35	.60	.50	2.85	10.50	
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.....	.10	.35	.60	.50	2.85	10.50	
24. ★ OLDS' PENCIL POD WAX. A fine wax pod.....	.10	.35	.60	.50	2.75	10.00	
25. ★ OLDS' ROUND POD KIDNEY WAX. Best second early.....	.10	.35	.60	.50	3.00	11.50	
26. WEBBER WAX. The best market garden early wax bean.....	.10	.35	.60	.50	2.85	10.50	
27. HODSON WAX. Never affected by rust or blight.....	.10	.35	.60	.50	2.85	10.50	
28. ★ CURRIE'S RUST-PROOF WAX. An excellent snap bean. Pods crisp and tender.....	.10	.35	.60	.50	2.75	10.00	
29. OLDS' REFUGEE WAX. Hardy, vigorous and productive.....	.10	.35	.60	.50	2.75	10.00	

BUSH LIMAS AND POLE BEANS

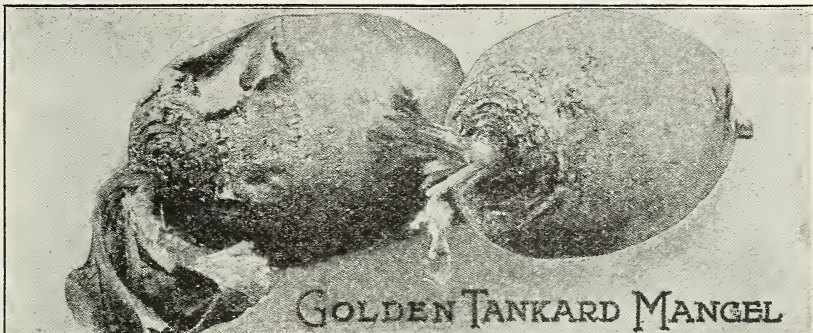
	Pkt.	Lb.	2 lbs.	By ft. or exp. not prepaid.	2 lbs.	15 lbs.	60 lbs.
30½. DREER'S POLE LIMA. A leading standard early variety.....	.10	.35	.60	.50	3.00	11.50	
31. HENDERSON'S BUSH LIMA. The earliest bush lima.....	.10	.35	.60	.50	3.00	11.00	
32. KING OF THE GARDEN LIMA. The favorite pole lima.....	.10	.35	.65	.55	3.50	13.00	
33. FORD'S MAMMOTH PODDED. A large podded pole lima.....	.10	.35	.65	.55	3.50	13.00	
33½. GREEN-SEEDED CARPINTERIA. A perfect pole lima.....	.10	.35	.65	.55	3.50	13.00	
34. ★ BURPEE-IMPROVED BUSH LIMA. The largest lima.....	.10	.40	.75	.65	4.00	15.00	
34½. FORDHOOK BUSH LIMA. The most prolific bush lima.....	.10	.45	.80	.70	4.50	17.00	
35. BEST OF ALL POLE (White Creaseback). The best early.....	.10	.35	.65	.55	3.50	13.00	
36. LAZY WIFE POLE. The most popular pole bean.....	.10	.40	.70	.60	3.75	14.00	
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.....	.10	.40	.75	.65	4.00	15.00	
38. KENTUCKY WONDER. A very popular pole bean.....	.10	.35	.60	.50	2.75	10.00	
38½. KENTUCKY WONDER WAX. The best pole wax. Illustrated above.....	.10	.40	.75	.65	3.75	14.00	
39. SCARLET RUNNER. An ornamental snap pole bean.....	.10	.45	.80	.70	4.50	17.00	

NOTE! Lima beans weigh 56 lbs. to the bu., but above prices are for 15 lbs. and 60 lbs., for all varieties.

MANGELS AND SUGAR BEETS



Mammoth Long Red.



GOLDEN TANKARD MANGEL

56. GOLDEN TANKARD. The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground—see illustration. Can be grown closely in rows and yields enormously. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c. Not postpaid: 5 lbs., \$2.50.

59 $\frac{1}{2}$. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c. Not postpaid: 5 lbs., \$2.50.



DANISH SLUDSTRUP

59. GIANT ECKENDORF. This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on account of growing the larger part out of the ground are easily harvested. Pkt., 5c;

oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c. Not postpaid: 5 lbs., \$2.25.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 2 lbs. or more at 5-lb. rates. Order by number.

- 55. MAMMOTH LONG RED.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$2.00.....
- 56. GOLDEN TANKARD.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.
- 58. CHAMPION YELLOW GLOBE.** The best globe-shaped mangel
- 59. GIANT ECKENDORF.** The most popular mangel in Germany, also proving very satisfactory in the United States.
- 59 $\frac{1}{2}$. DANISH SLUDSTRUP.** A new mangel, described and illustrated above. Not postpaid: 5 lbs., \$2.00.
- 60. LANE'S IMPERIAL SUGAR.** A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable for feeding.
- 61. KLEIN WANZLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar
- 62. VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, containing usually as high as 16 per cent of sugar
- 63. GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$2.00.

By parcel post.				
pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
\$0.05	\$0.10	\$0.25	\$0.60	\$2.50
.05	.10	.25	.65	2.75
.05	.10	.25	.65	2.75
.05	.10	.25	.65	2.50
.05	.10	.25	.65	2.50
.05	.10	.25	.70	3.25
.05	.10	.20	.65	3.00
.05	.10	.25	.60	2.50
.05	.10	.20	.55	2.25

BRUSSELS SPROUTS.

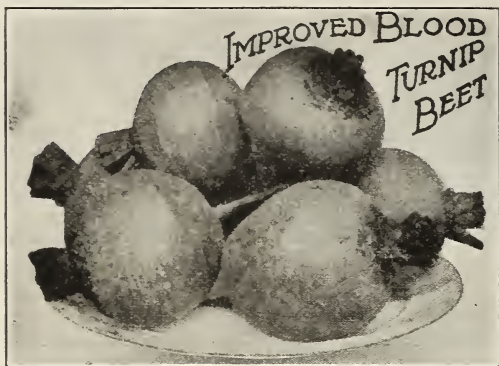
A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

We pay postage on Mangels and Sugar Beets, unless otherwise mentioned.

BEETS

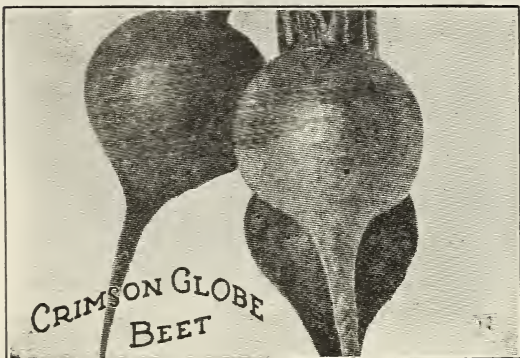
We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain seed sufficient to plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Order by number. We pay the postage on beet seed, regardless of zone, unless otherwise mentioned.



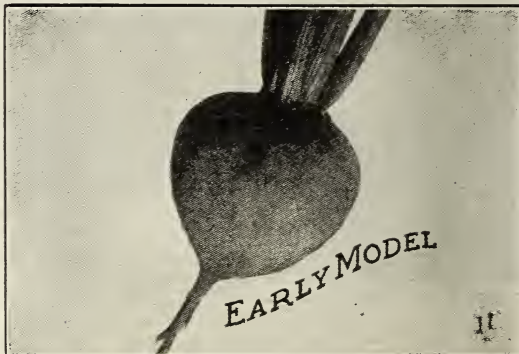
41. **★OLDS' IMPROVED BLOOD TURNIP.** The standard early beet. The Early Blood Turnip Beet is one of the most popular of the early sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



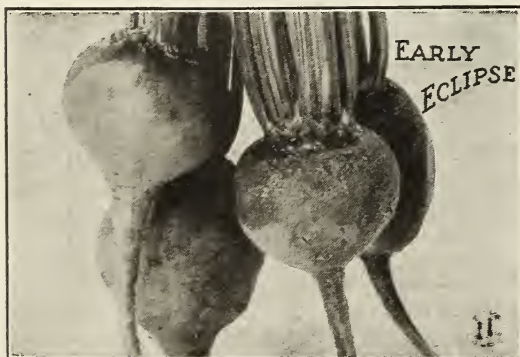
51. **★OLDS' IMPROVED CROSBY'S EGYPTIAN.** The most desirable early beet. A selection from Early Egyptian. Deep red in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.



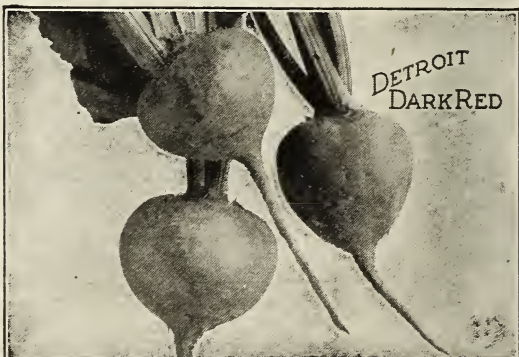
52. **★CRIMSON GLOBE.** A new variety of great merit. Unequaled for table use; very handsome (illustrated above), early and also suitable for a main crop variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.



45. **★NEW EARLY MODEL.** The perfect Beet. It is medium early, between the Electric and Crimson Globe. The bulbs run very uniform and are almost round. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.20.



44. **★EARLY ECLIPSE.** The Eclipse is a round uniform shaped beet (see illustration). The roots are bright deep red, smooth and the tops are small. The flesh is bright red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.



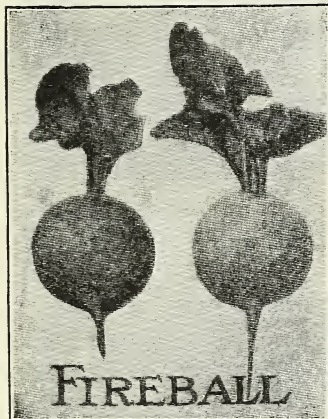
48. **★DETROIT DARK RED TURNIP.** A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



42. **EDMAND'S EARLY BLOOD TURNIP.** A good variety to follow the extra early sorts, and also one of the best for winter use. Skin and flesh, dark red, sweet and tender. Does not grow large (see illustration above) and coarse, has small tops and can be planted close. A very popular beet with market gardeners and just as desirable for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



52 $\frac{1}{2}$. **LUCULLUS SWISS CHARD.** The new Swiss Chard, or Spanish Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



40 $\frac{1}{2}$ —**★ O L D S' EARLIEST FORCING (Fireball).** A new extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

43. **★THE ELECTRIC.** The best second early beet. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. Flesh, fine grained and tender. We recommend the Electric to all those wanting a fine, early table beet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

49. **MARKET GARDENERS'.** The great all-season beet. Makes a rapid growth and heavy root, for autumn or winter use. Deep red, sweet and very crisp. Keeps well and appeals very strongly to everybody wanting a first-class all-season's table beet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

BEETS contain more nutriment than any other root crop except potatoes. Make a planting about Aug. 1, for canning and winter use. We pay Parcel Post charges on all garden and flower seed, unless otherwise noted.

BEETS. Full List.

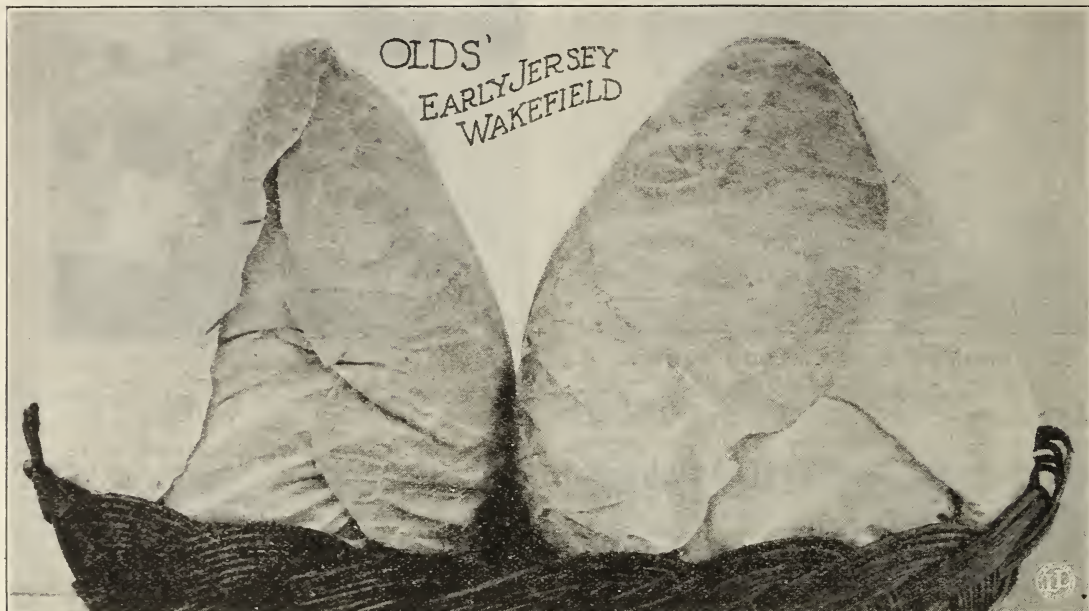
Beets are easily grown and can be used in many ways. Half-pounds at pound rates.

By parcel post.

		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
40.	IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.....	\$0.05	\$0.10	\$0.25	\$0.70
40 $\frac{1}{2}$.	★OLDS' EARLIEST FORCING (Fireball) A new extra early beet, suitable for forcing.....	.05	.10	.25	.80
41.	★OLDS' IMPROVED BLOOD TURNIP. The standard early beet.....	.05	.10	.25	.75
42.	EDMAND'S EARLY BLOOD TURNIP. Dark red; fine flavor; good for winter use, and one of the best beets grown.....	.05	.10	.25	.75
43.	★THE ELECTRIC. The best second early beet.....	.05	.10	.30	.95
44.	EARLY ECLIPSE. Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.....	.05	.10	.25	.70
44 $\frac{1}{2}$.	JOHNSON'S DEFIANCE. A fine selected strain; very uniform in shape.....	.05	.10	.25	.75
45.	★NEW EARLY MODEL. The perfect beet.....	.10	.20	.40	1.20
45 $\frac{1}{2}$.	OLDS' DANISH HALF LONG. A new brilliant red beet.....	.05	.10	.25	.75
46.	HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.....	.05	.10	.25	.70
47.	LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper.....	.05	.10	.25	.70
48.	DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.....	.05	.10	.25	.75
49.	MARKET GARDENERS'. The great all seasons' beet.....	.05	.10	.25	.75
50.	NEW COLUMBIA. A fine main crop variety.....	.10	.20	.40	1.20
51.	CROSBY'S EGYPTIAN. A most desirable early market beet.....	.05	.10	.25	.70
52.	★CRIMSON GLOBE. A new variety of great merit.....	.05	.10	.25	.70
52 $\frac{1}{2}$.	★LUCULLUS SWISS CHARD. The new Swiss Chard Beet.....	.05	.10	.25	.90
53.	SWISS CHARD. The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.....	.05	.10	.25	.80
54 $\frac{1}{2}$.	OLDS' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh.....	.05	.10	.25	.75
	MIXED BEET SEED. A carefully prepared mixture of best sorts for table use.....	.05	.10	.20	.60

CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which reach perfection in Denmark. Each packet contains seed, sufficient to produce 500 plants; $\frac{1}{4}$ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Order by number. Use Slug Shot as a remedy for cabbage worms, See page 93. Leaflet on cabbage culture, free on request. We can also furnish home grown cabbage plants in season. Early Jersey Wakefield, Allhead Early, Late Flat Dutch and Danish Ballhead. Doz., 20c; 50 for 55c, postpaid.



70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Early, solid and good—the best early cabbage in cultivation. It forms fine cone shaped heads, with few outer leaves and cannot be surpassed for uniformity, even heading and earliness. Our seed is grown from heads selected for stock seed purposes only. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.



85. OLDS' SELECT DANISH BALL HEAD. The best cabbage for keeping through the winter. The heads are perfectly round, solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best Danish-grown Seed. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 25c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

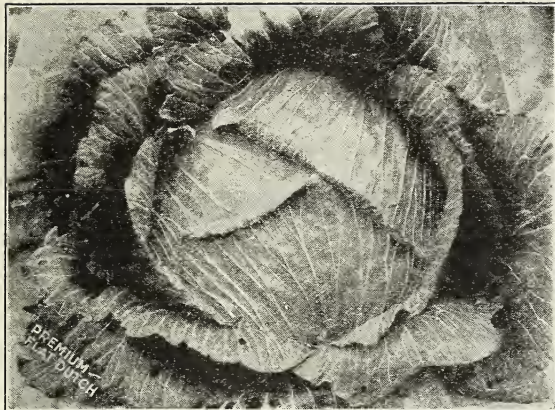
We test our seeds for germination and send out nothing that does not show a good test. The test record of each stock is kept and the stock letter stamped on every package. Germination of stocks furnished on request.



88½. GLORY OF ENKHUIZEN. A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration above), with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 25c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

We supply our customers with choice seeds of selected strains only. As a result of this policy our customers become, in their respective localities, a standing advertisement for us and for our seeds.

Remember garden seed prices include parcel postage, unless otherwise noted.



82. **★PREMIUM LATE FLAT DUTCH.** An improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves, and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 70c; lb., \$2.50.

81½. **EARLY FLAT DUTCH.** The standard second early. Short stemmed plants—heads nearly round, firm and solid. It will stand a long time without bursting, and makes a fine house and market garden sort. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 35c; ¼ lb., 85c; lb., \$3.00.

83½. **CHINESE CABBAGE.** This is the famous Chinese Celery Cabbage and the seed we sell is grown in China. It does well in nearly all parts of the country and is more easily grown than ordinary cabbage; when boiled with meat it is much better than either cabbage or turnips. Pkt., 10c; 2 pkts., 15c; oz., 35c; ¼ lb., 85c.



84½. **COPENHAGEN MARKET.** The new Danish cabbage; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 35c; ¼ lb., 95c; lb., \$3.50.

89. **MAMMOTH ROCK RED.** The largest of the red cabbages. The heads are late maturing, round, solid and of a very attractive deep red color; fine for pickling, cold slaw and winter use. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; lb., \$4.00.

75. **★ALLHEAD EARLY.** The best all-the-year-round cabbage; if only one variety is planted, nothing is better than this for all purposes. The heads are deep, flat and solid and run very uniform in shape. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 70c; lb., \$2.50.

DISEASE RESISTANT CABBAGE SEED.

80½. **WISCONSIN HOLLANDER.** A very decided improvement over regular Hollander Cabbage as regards resistance against the disease commonly known as "yellows" or "yellow rot." This cabbage was developed by years of careful experimenting and selection by Prof. L. R. Jones of the University of Wisconsin, carefully preserving all the good qualities of the original Hollander. Extensive field tests in Racine and Kenosha Counties, the oldest cabbage district in the state of Wisconsin, where the growing of cabbage had been abandoned on account of the "yellows," now show the Wisconsin Hollander to be very strongly resistant to that destructive disease. This cabbage has been grown successfully on even the "sickest" old cabbage fields with almost perfect immunity from "yellows," whereas the commercial strains alongside were practical failures.

The Hollander or middle stem Ballhead as everyone who has grown this variety knows, cannot be surpassed for fall shipping or winter storage. The leaves are upright in growth, heads of medium size, solid and handsome in appearance. Price for 1922: Pkt., 25c; 2 pkts., 45c; ½ oz., 65c; oz., \$1.25; ¼ lb., \$4.75.

76. **WISCONSIN ALL SEASONS.** This cabbage after extensive field tests has also proven to be resistant against the disease known as "yellows." It is a very desirable variety and a favorite with the National Kraut Packers, Association. It is a midseason variety, vigorous in growth and sure in heading. Price for 1922: Pkt., 25c; 2 pkts., 45c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$4.50.

CABBAGE. Full List.

Half-pounds at pound rates. Cabbage Plants, in season—pages 36, 83.

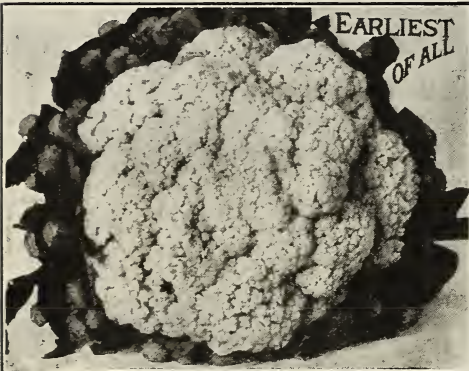
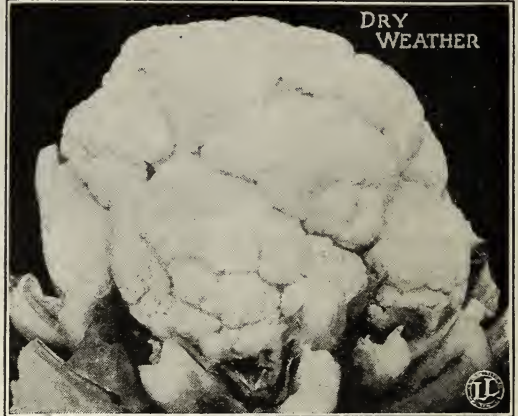
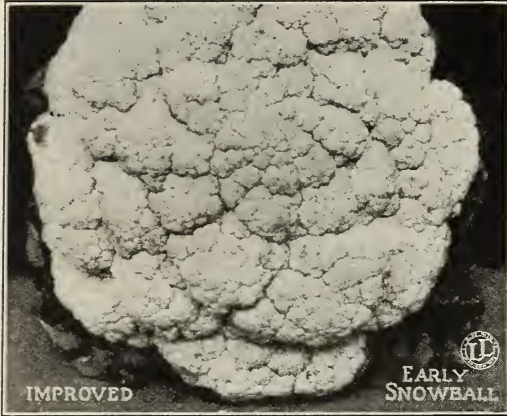
	pkt.	By parcel post.			
		½ oz.	oz.	¼ lb.	lb.
70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage	\$.10	\$0.20	\$0.30	\$.75	\$2.75
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads	.10	.25	.35	.90	3.25
72. LARGE WAKEFIELD or CHARLESTON. A week later than Jersey Wakefield	.10	.25	.35	.85	3.00
73. EARLY SPRING. The earliest flat-headed variety	.10	.25	.35	.85	3.00
74. ★THE VOLGA. A valuable acquisition in the cabbage line	.10	.25	.40	1.00	3.75
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage	.10	.20	.30	.70	2.50
76. WISCONSIN ALL SEASONS. A midseason disease resistant strain	.25	.65	1.15	4.50	
77. HENDERSON'S SUCCESSION. Second early	.10	.20	.30	.70	2.50
77½. ROUND EXPRESS. Considered the best round-headed variety	.10	.20	.30	.75	2.75
78. SURE HEAD. All head and sure to head	.10	.25	.35	.85	3.00
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain	.10	.25	.40	1.00	3.75
80. ALL SEASONS. Good for both early and late	.10	.20	.30	.75	2.75
80½. WISCONSIN HOLLANDER. The cabbage that will make Wisconsin famous	.25	.65	1.25	4.75	
81. EARLY SUMMER. A great favorite with market gardeners	.10	.20	.30	.75	2.75
81½. EARLY FLAT DUTCH. An extra fine second early	.10	.25	.35	.85	3.00
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety	.10	.20	.30	.70	2.50
82½. EARLY WINNIGSTADT. One of the best for general use—sure to head	.10	.20	.30	.75	2.75
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoy	.10	.20	.25	.60	2.00
83½. CHINESE CABBAGE. The famous Chinese Celery Cabbage	.10	.25	.35	.85	3.00
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use	.10	.20	.30	.70	2.50
84½. COPENHAGEN MARKET. Earliest round-head variety	.10	.25	.35	.95	3.50
85. ★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter	.10	.25	.35	.90	3.25
85½. THE HOLLANDER. Fine for late spring and for shipping	.10	.25	.35	.90	3.25
86. DANISH SUMMER BALL HEAD. An excellent second early	.10	.25	.35	.90	3.50
87. OLDS' DANISH SUREHEADER. Sure to head	.10	.25	.40	1.10	4.00
87. FLIDERKRAUT. Pointed heads; much used for kraut	.10	.25	.40	1.20	4.50
88. GLORY OF ENKHUIZEN. A new variety. Illustrated, page 36	.10	.25	.35	.85	3.00
88½. MAMMOTH ROCK RED. Hard-heading; fine for pickling	.10	.25	.40	1.10	4.00
89½. RED DUTCH. A red cabbage for pickling	.10	.20	.35	.85	3.00

"OLDS' CATALOG TELLS THE TRUTH."

CAULIFLOWER

Olds' Cauliflower Seed is grown mostly in Denmark and is the best that can be procured. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.

WE CAN ALSO FURNISH good home-grown transplanted cauliflower plants in season. Early Snowball. $\frac{1}{2}$ doz., 20c; doz., 35c; 50, \$1.10, postpaid.



95. OLDS' EARLIEST OF ALL. The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration opposite. Pkt., 25c; 2 pkts., 40c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50; $\frac{1}{4}$ lb., \$9.50.

90. *IMPROVED EARLY SNOWBALL. We know of no better type of this variety—very early, smooth, rounded heads (see illustration above), fine grained, compact and even in size. Pkt., 20c; 2 pkts., 35c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

93. *DRY WEATHER. The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 20c; 2 pkts., 35c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50; $\frac{1}{4}$ lb., \$9.50.

91. EARLY FAVORITE. This is a fine strain of cauliflower at a low price for seed. Pkt., 15c; oz., \$1.50.

94. AUTUMN GIANT. One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.60.

CHICORY.

130. LARGE ROOTED. Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

130½. WITLOOF. (French Endive.) A delicious winter salad, sometimes called French Endive. Also grown for its delicate, tender roots, which can be planted in boxes in the house during the winter. The leaves can be eaten either raw or cooked. Pkt., 10c; 2 pkts., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

COLLARDS.

132. GEORGIA. A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

CORN SALAD.

133. LARGE SEEDED. A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

CRESS.

134. EXTRA CURLED. (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

BUYING SEEDS is largely a matter of confidence. Our customers know that they can place confidence in us and in our seeds. Every year we add a lot of new customers to our list, who send us their orders because some friend has recommended our seeds. We appreciate this and thank them for it.



DO NOT QUIT GARDENING because you can buy some things at the stores cheaper than last year—make your garden work full time and plan to plant a large Home Garden in 1922, also let Olds furnish the seeds.

"OLDS' CATALOG TELLS THE TRUTH."

CARROT

Olds' Carrot Seed is grown from carefully selected roots. Each packet contains seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two pounds or more at 5-pound rates.



108. OLDS' HALF LONG STUMP ROOTED. For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. A good keeper and never becomes stringy—illustrated below. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



100. ★DANVERS HALF LONG. Stump-rooted, bright orange in color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.00.

101. ★EARLY SHORT TOP. One of the best for family use. An attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; 2 lbs., \$2.35.

105. EARLIEST FRENCH FORCING. One of the earliest varieties and very desirable for forcing. Round reddish orange colored roots. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$4.50.

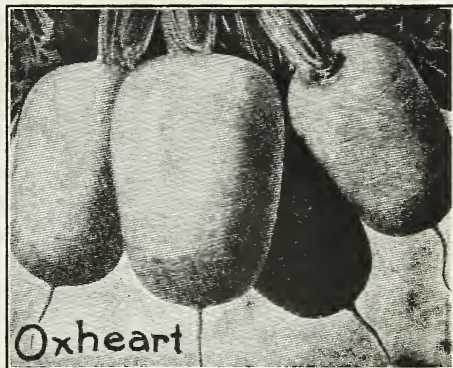
102. OLDS' IMPROVED LONG ORANGE. A standard late variety; deep orange color; much improved by selection of the best formed and deepest colored roots. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.00.

104. ★EARLY CHANTENAY. Very early, and best of all early carrots for the table or market. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; 2 lbs., \$1.55.

112. THE MASTODON. The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 2 lbs., \$1.35. Not postpaid: 5 lbs., \$2.75.

COMMISSION SEEDS. We do not put out seeds on commission. Olds' seeds are put up fresh every year and sold outright. Commission seeds are put up and placed on sale in the stores throughout the country in August, long before the new crop of seeds is harvested.

We all of us like to watch things grow. Nothing will give more pleasure than to see fresh vegetables and beautiful flowers growing in the garden. To produce the garden, order Olds' Seeds.

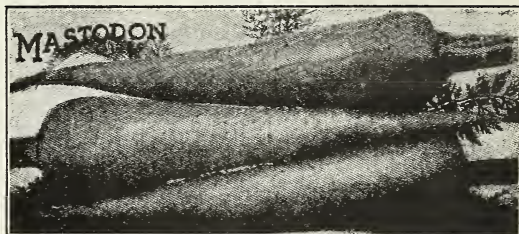


103. ★OXHEART. The best all-round carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.00.

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.



Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

The best Seeds That Grow Are Sold By Olds.

CARROT. Full List.

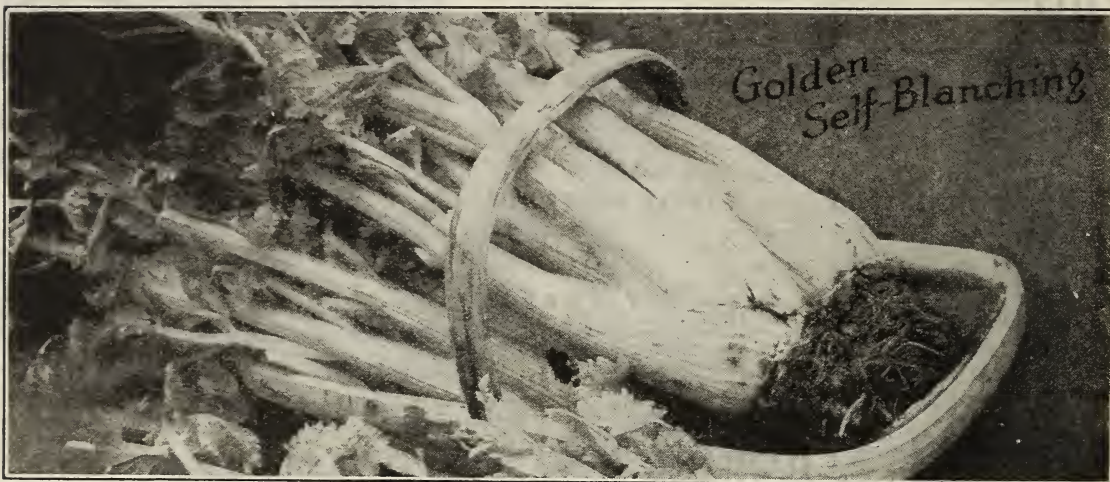
Half-pounds at pound rates. Market Gardeners' list for larger quantities.

		By parcel post.				
		pkt.	oz.	¼ lb.	lb.	5 lbs.
100.	★DANVERS HALF LONG. A general favorite.....	\$0.05	\$0.10	\$0.25	\$0.75	\$3.25
101.	★EARLY SHORT TOP. One of the best carrots for home use.....	.05	.10	.35	1.25	4.75
102.	OLDS' IMPROVED LONG ORANGE. The standard late variety.....	.05	.10	.25	.75	3.25
103.	★OXHEART. The best all-round carrot.....	.05	.10	.25	.75	3.25
104.	★EARLY CHANTENAY. Best of all early carrots for table and market.....	.05	.10	.25	.80	3.50
105.	EARLIEST FRENCH FORCING. Used expressly for forcing.....	.10	.10	.35	1.25	4.75
106.	EARLY SCARLET SHORT-HORN. A popular early variety.....	.05	.10	.30	1.00	4.50
107.	INTERMEDIATE OR ST. VALERY. A fine late variety.....	.05	.10	.25	.70	3.00
108.	OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of.....	.10	.15	.35	1.25	4.75
110.	LARGE WHITE BELGIAN. A stock carrot; very productive.....	.05	.10	.25	.70	3.00
111.	LONG ORANGE BELGIAN. For stock; orange colored roots.....	.05	.10	.25	.75	3.25
112.	THE MASTODON. The heaviest cropper. Illustrated above.....	.05	.10	.25	.70	3.00

We have arranged our catalogue without novelty pages. We list all varieties under their respective headings. See back cover page for "Olds' Dollar Collection."

CELERY

Celery seed is slow to germinate. Cover lightly and keep moist. Our packets each contain seed enough to produce 1,000 plants; 2 ounces of seed sufficient for an acre. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on culture, free, on request. We can furnish celery plants in season. Golden Self-Blanching, best for all purposes; Winter Queen, a good late kind. Doz., 25c; 50 for 75c, postpaid.



117. ★**GOLDEN SELF-BLANCHING.** The leading early variety. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35. **FRENCH GROWN.** (117½). Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 85c.



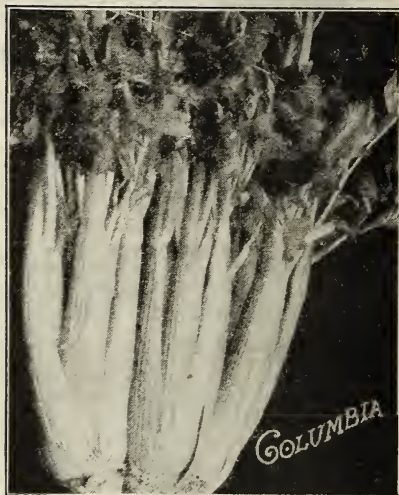
115. **WHITE PLUME.** Olds' select. ° The earliest celery known. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.



115½. **EASY BLANCHING.** A distinct variety. The easiest and quickest to blanch. The plants make a quick healthy growth with thick stalks, very tender and brittle; early-maturing, a long keeper and easy to blanch. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.



123½. **COLUMBIA.** An early variety of fine shape and quality. The plant is of medium height and very stocky. Stalks are thick and almost round; color a rich yellow. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.



CELERY. Full List.

One pound of any variety at 3½ times the price of ¼ lb. ½ lbs. at 1b rates.

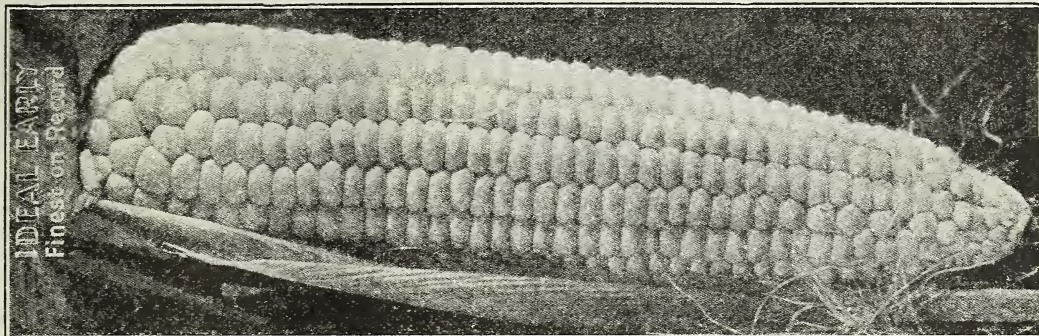
By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
115. WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.05	\$0.15	\$0.25	\$0.75
115½. ★ EASY-BLANCHING. A distinct variety. Easy and quick to blanch.....	.10	.20	.35	1.10
117. ★ GOLDEN SELF-BLANCHING. The leading early variety. American grown.....	.10	.25	.40	1.35
117½. ★ GOLDEN SELF-BLANCHING. French grown.....	.15	.50	.85	3.00
118. GIANT PASCAL. Best for fall and winter use. The stalk is of medium length, and blanches to a beautiful white color. A home garden variety.....	.05	.15	.25	.75
119. OLDS' NEW ROSE. The best red celery; very solid.....	.05	.15	.25	.75
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.15	.25	.75
120½. ★ MAGNIFICENT. A late variety; noted for its keeping qualities.....	.10	.20	.35	1.00
121. ★ WINTER QUEEN. A most desirable variety for winter use.....	.05	.15	.25	.70
122. ★ SNOW WHITE. A free blancher and not subject to rust. Of good size and without a rival in purity of color.....	.10	.15	.25	.85
123½. COLUMBIA. Described and illustrated above.....	.05	.20	.35	1.00

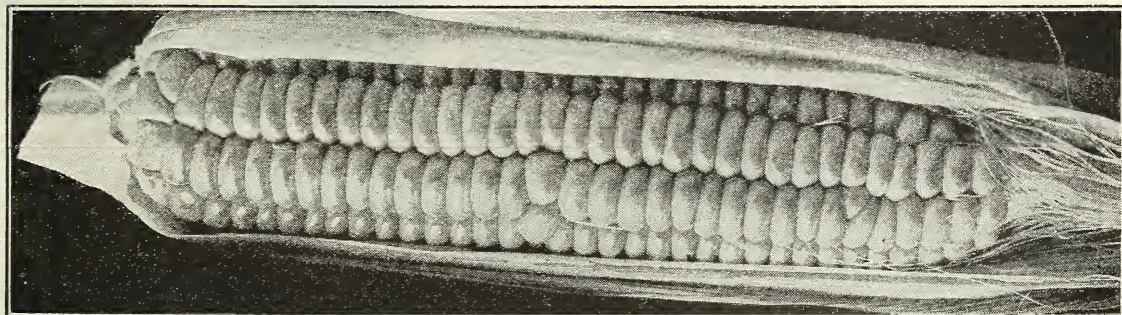
CELERICAC. 125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.

SWEET CORN

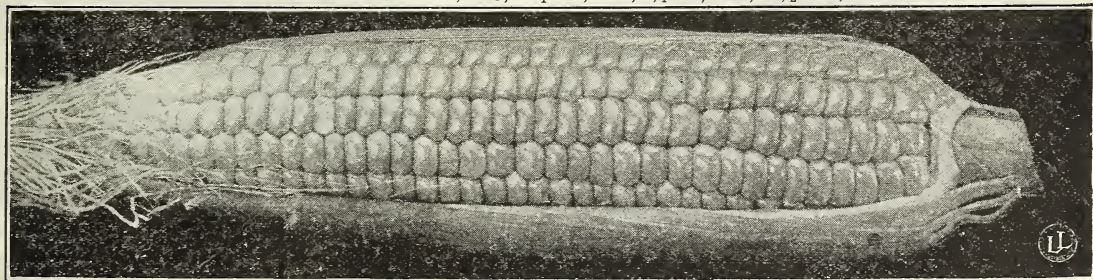
Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets each contain sufficient to plant 25 to 30 hills. One peck (11 lbs.) will plant an acre in hills. Order by number. We pay postage on corn, up to 5 lbs. in weight, unless otherwise mentioned.



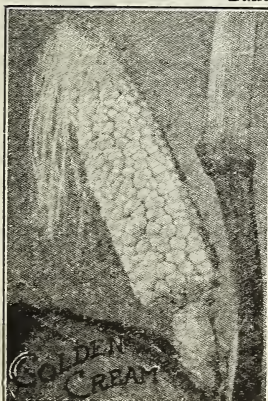
Olds' Ideal Early. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 40c.



Golden Bantam. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.



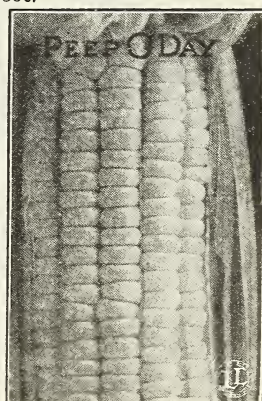
Bantam Evergreen. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.



137. OLDS' IDEAL EARLY. A true Sweet corn. We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil. The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 40c.

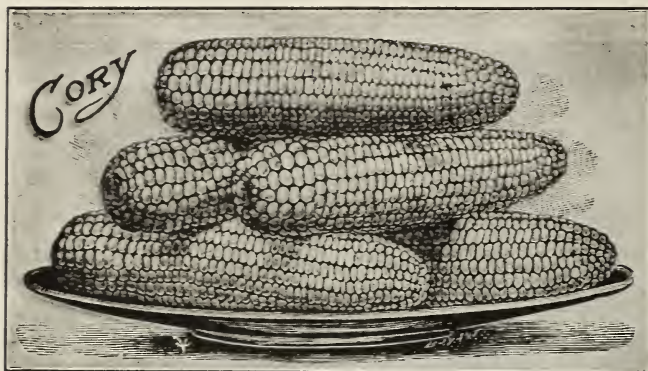
141½. GOLDEN CREAM. A distinct variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. Stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

135. PEEP O'DAY. A Good Extra Early. Originated in Minnesota; ears perfectly formed, and well filled. Very tender and sweet. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

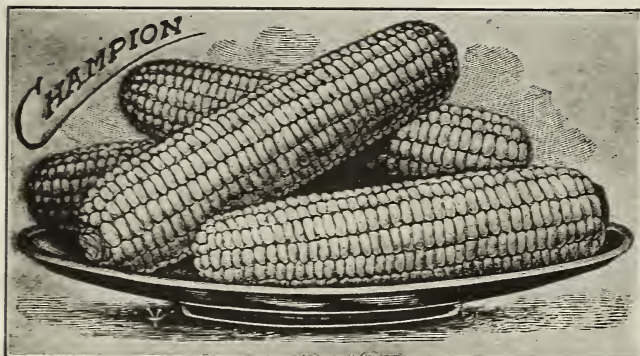


THE BEST SWEET CORN FOR SUCCESSION.

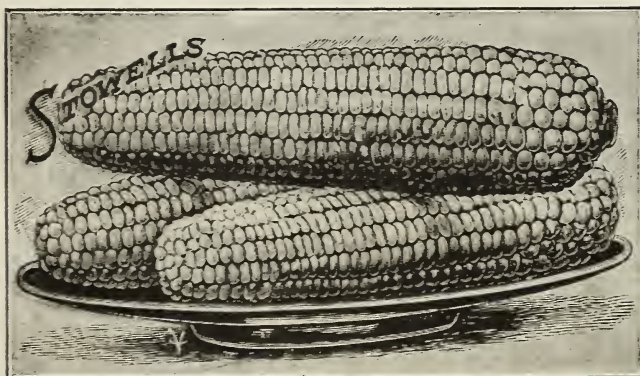
For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).
One pkt. each 20c; $\frac{3}{4}$ lb. each 50c; $1\frac{1}{2}$ lbs. each 90c. Not postpaid; $1\frac{1}{2}$ lbs. each, 60c.



136. **MAMMOTH WHITE CORY.** One of the earliest varieties. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.



139. **EARLY CHAMPION.** The largest eared early sweet corn. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.



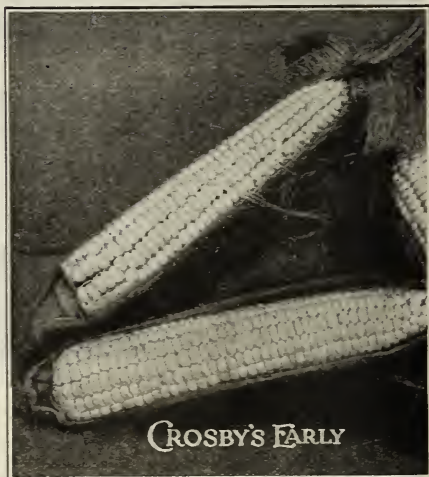
147. **STOWELL'S EVERGREEN.** The best late sweet corn for all purposes. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

145. **★OLDS' EARLY EVERGREEN.** Like Stowell's Evergreen, only ten days earlier. Large handsome ears, about 8 inches long and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

Sweet Corn varies in weight from 40 to 46 lbs., to the measured bushel (according to variety). We formerly sold by measure, but now we are selling by weight. See next page for the weight, per measured bushel, of each variety.



135 $\frac{1}{2}$. **EARLY JULY.** The earliest known variety. With us planted May 15th, produced ears by July 1st and was ready for use a week to ten days before Peep O'Day, planted the same time. We want all of our customers to give this corn a trial. Pkt., 15c; 2 pkts., 25c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 50c.

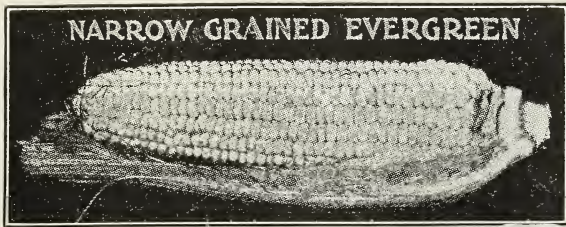


143. **CROSBY'S EARLY.** A standard early variety—one of the best for canning. The ears are from five to six inches long; grains very white, sweet and tender. A desirable variety for the home and market garden. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 20c; $1\frac{1}{2}$ lbs., 35c.

HOW TO PICK SWEET CORN. To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture.

Halvor O'Lund, Hinsdale, Mont., Feb. 18, 1921, writes: "The garden seed I got of you last spring is the best that I ever planted. I have tried many different kinds of garden seeds, in the last 30 years. I had the best garden, last year, I have ever had."

"OLDS' CATALOG TELLS THE TRUTH."



144½. **NARROW GRAINED EVERGREEN.**

A splendid high quality evergreen. Slightly earlier than Stowell's, ears nearly as large, with small cob with from 18 to 20 rows of very deep narrow white grains. One of the best for canning, also a very desirable variety for market gardeners. Pkt., 10c; 2 pkts., 15c; ¼ lb., 20c; 1½ lb., 35c.

139½. COUNTRY GENTLEMAN. We consider this the sweetest mid-season sweet corn. It is also one of the most productive. The stalks grow from 6 to 7 feet high. The ears from 7 to 9 inches long. The Country Gentleman is a favorite main crop or late season variety. Pkt., 10c; 2 pkts., 15c; ¼ lb., 20c; 1½ lbs., 35c.

SWEET CORN. Full List.

¾ lb., one pt.; 1½ lbs., one qt.; 5½ lbs., one-half pk.; 11 lbs., one pk.; 45 lbs., one bu., except where noted.

		By parcel post.			By express or freight, not prepaid.			
		pkt.	¾ lbs.	1½ lbs.	1½ lbs.	5½ lbs.	11 lbs.	45 lbs.
135.	PEEP O' DAY. A good Extra Early.....	\$0.10	\$0.20	\$0.35	\$0.25	\$0.90	\$1.65	\$6.50
135½.	EARLY JULY. Earliest known variety.....	.15	.30	.50	.40	1.35	2.55	10.00
136.	MAMMOTH WHITE CORY. One of the earliest varieties.....	.10	.20	.35	.25	.90	1.65	6.50
137.	★OLDS' IDEAL EARLY. The best early sweet corn.....	.10	.25	.40	.30	1.00	1.80	7.00
138½.	★HOWLING MOB. A large eared early variety.....	.10	.20	.35	.25	.85	1.60	6.25
139.	★EARLY CHAMPION. The largest-eared early sweet corn.....	.10	.20	.35	.25	.80	1.55	6.00
139½.	★COUNTRY GENTLEMAN. The sweetest mid-season sweet corn.....	.10	.20	.35	.25	.90	1.65	6.50
140.	KENDEL'S EARLY GIANT. Large handsome ears.....	.10	.20	.35	.25	.85	1.60	6.25
140½.	BLACK MEXICAN. Medium early; sweet and tender.....	.10	.20	.35	.25	.85	1.60	6.25
141.	PREMO. Claimed to be the best early sweet corn.....	.10	.20	.35	.25	.85	1.60	6.25
141½.	GOLDEN CREAM. A distinct variety.....	.10	.20	.35	.25	.90	1.65	6.50
142.	★GOLDEN BANTAM. Burpee's.....	.10	.20	.35	.25	.85	1.60	6.25
142½.	★BANTAM EVERGREEN. One of the sweetest of sweet corns.....	.10	.20	.35	.25	.90	1.65	6.50
143.	CROSBY'S EARLY. A favorite with canners.....	.10	.20	.35	.25	.80	1.55	6.00
143½.	HICKOX IMPROVED. A popular canning variety.....	.10	.20	.35	.25	.80	1.55	6.00
144.	WHITE MEXICAN. The best early market variety.....	.10	.25	.45	.35	1.25	2.30	
144½.	NARROW GRAINED EVERGREEN. A splendid Evergreen.....	.10	.20	.35	.25	.80	1.55	6.00
145.	★OLDS' EARLY EVERGREEN. Page 42..... Bu. 42 lbs.	.10	.20	.35	.25	.80	1.55	6.00
146.	★WHITE EVERGREEN. A new variety. Pure white.....	.10	.20	.35	.25	.85	1.60	6.25
147.	★STOWELL'S EVERGREEN. The best late sweet corn.....	.10	.20	.35	.25	.75	1.45	5.75
148.	★ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	.10	.20	.35	.25	.80	1.55	6.00
149.	★LATE MAMMOTH. The largest-eared variety.....	.10	.20	.35	.25	.90	1.65	

Prices named above are for 5½ lbs., 11 lbs. and 45 lbs., of all varieties regardless of weight per bushel.

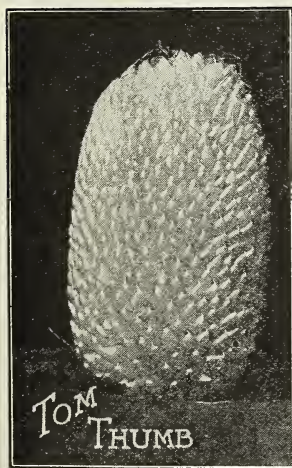
POP CORN AND PEANUTS

LEAFLET ON CULTURE, FREE ON REQUEST.

Any boy or girl sending us an order amounting to 25c or more, can have a packet of Red Beauty Pop Corn. FREE. Be sure and ask for it when you order.

POP CORN.

154. OLDS' NEW BLUE BEAUTY. An extra early variety. It pops very large and is the most tender and crisp of all. Will ripen anywhere and may be used for popping the first year, without kiln-drying. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c; 5 lbs. or more, 20c per lb.



154½. ★TOM THUMB. Dwarf Rice.

The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1922: Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c. Not postpaid: Lb., 30c; 2 lbs., 50c; 5 lbs. or more, 20c per lb.

OTHER VARIETIES.

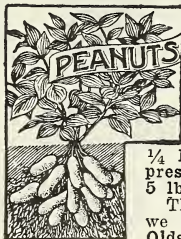
- Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 50c.
150. ★IMPROVED WHITE RICE. The standard variety.
151. QUEEN'S GOLDEN. Largest and most productive.
152. RED BEAUTY. A new red rice pop corn.
153. MAPLEDALE PROLIFIC. A very prolific variety.

PEANUTS.

315. ★MAMMOTH VIRGINIA.

The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the North. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 10c; ¼ lb., 15c; ½ lb., 25c; lb., 45c. By express or freight, not postpaid: Lb., 35c; 5 lbs. or more, 25c per lb.

Those marked with a star are varieties we recommend. See back cover page, for Olds' Dollar Collection.

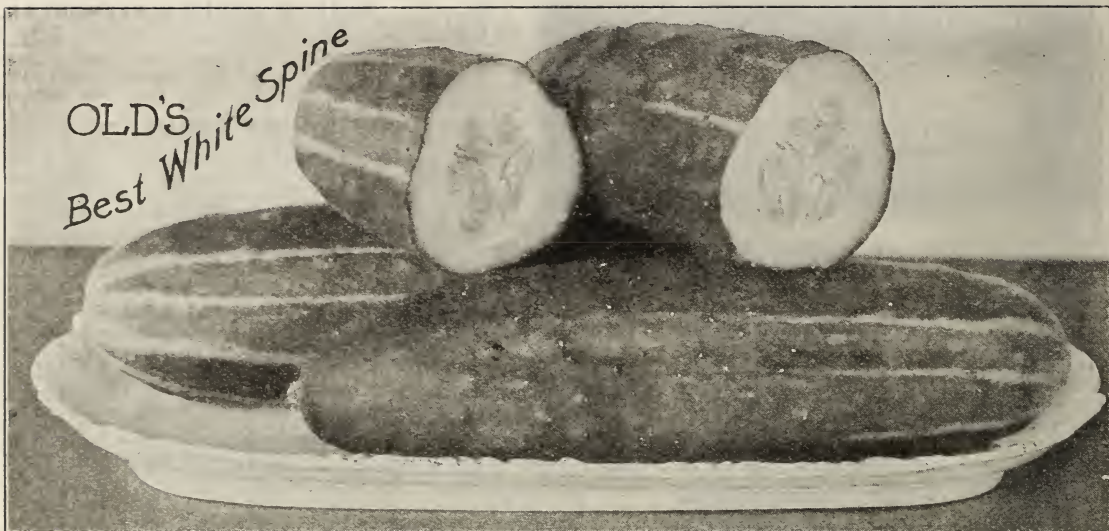


316. IMPROVED SPANISH.

The Spanish Peanut is small but has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be procured. Large pkt., 10c; ¼ lb., 15c; ½ lb., 25c; lb., 40c. Not postpaid: Lb., 30c; 5 lbs. or more, 20c per lb.



Spanish Peanuts.



164. **OLDS' SELECT WHITE SPINE.** This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends. See illustration above. Very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.40. Not postpaid: 2 lbs. or more, \$1.25 per lb.

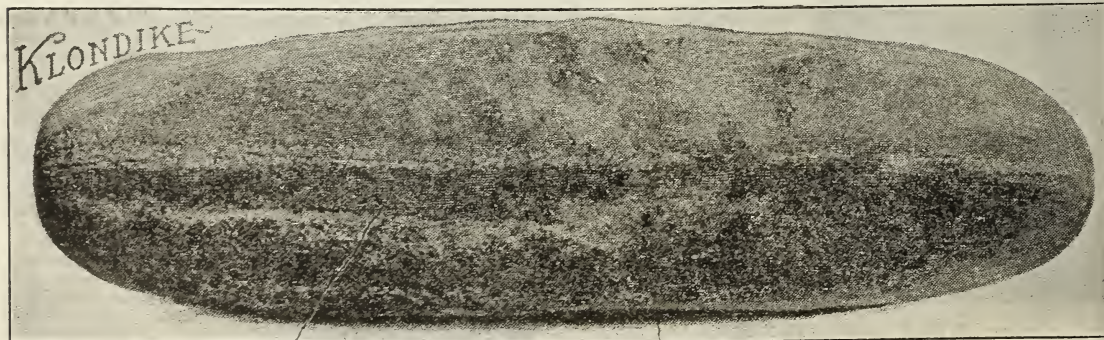


155 $\frac{1}{2}$. **OLDS' SPECIAL STOCK.** (Snow's Pickling). An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



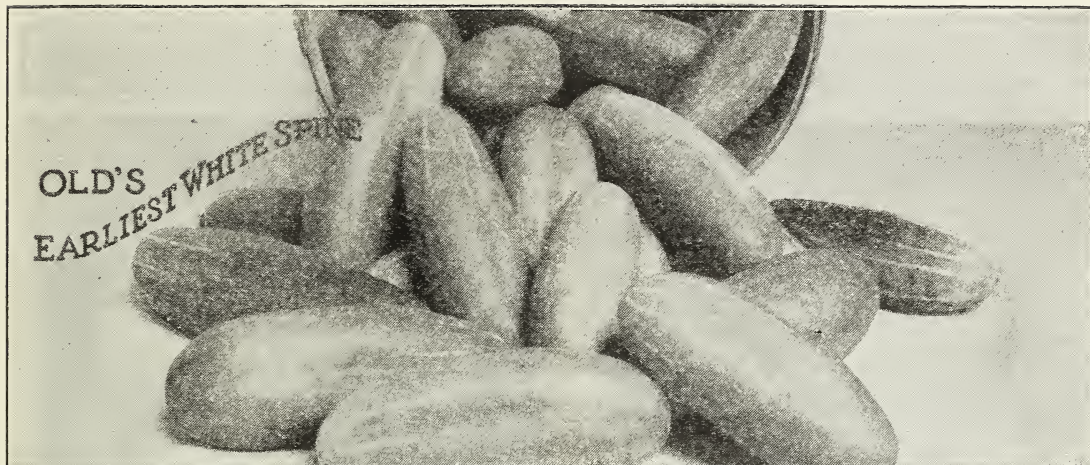
163. **★CUMBERLAND.** The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.35 per lb.

See next page for full and complete list of cucumbers.

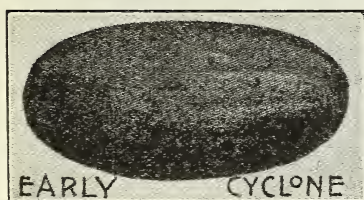
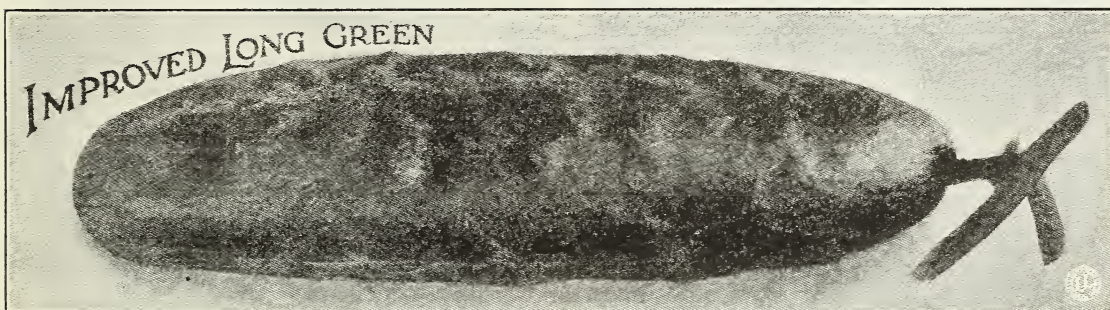


162 $\frac{1}{2}$. **KLONDIKE.** A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45. Not postpaid: 2 lbs. or more, \$1.30 per lb.

USE PYROX ON CUCUMBERS. SEE PAGE 93.



159½. **OLDS' EARLIEST WHITE SPINE.** Our Earliest Long White Spine Cucumber. We recommend this variety for its earliness. It is also a handsome cucumber—see illustration above. Fruits are uniform in shape, tapering slightly at both ends; color deep green. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.45.



165. **OLDS' IMPROVED LONG GREEN.** One of the best for pickles and salad. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is a very popular one, and the seed we offer is an improved strain. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.50. Not postpaid; 2 lbs. or more, \$1.35 per lb.

168. **★EARLY CYCLONE.** The earliest cucumber in cultivation. It is short (see illustration), thick and deep green in color. Valuable for both slicing and pickling. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40. Not postpaid; 2 lbs. or more, \$1.25 per lb.

Olds' Seeds are not sold on commission.

CUCUMBER. Full List.

Two pounds at 5 pound rates. Always pick cucumbers when fit for use.

By parcel post.

		pkt.	oz.	¼lb.	lb.	5 lbs
155.	EARLY FRAME. An old and most popular variety; very productive.....	\$0.05	\$0.15	\$0.40	\$1.30	\$6.00
155½.	OLDS' SPECIAL STOCK (Snow's Pickling). See page 44.....	.10	.20	.50	1.75	
156.	EARLY GREEN CLUSTER. Fine for small pickles.....	.05	.15	.40	1.25	5.75
157.	FORDHOOK PICKLING. One of the best and very prolific.....	.05	.15	.40	1.25	5.75
157½.	SNOW'S PICKLING. An ideal bottle pickle. See page 44 for illustration.....	.05	.15	.40	1.25	5.75
158.	OLDS' IMPROVED CHICAGO PICKLING. A well known variety.....	.10	.15	.35	1.20	5.50
159½.	OLDS' EARLIEST WHITE SPINE. Our earliest long white spine.....	.10	.20	.45	1.45	6.75
160½.	★EARLY FORTUNE: One of the best cucumbers of recent introduction.....	.10	.20	.45	1.45	6.75
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.....	.05	.15	.40	1.25	5.75
162½.	KLONDIKE. The best dark green variety for slicing.....	.05	.15	.45	1.45	6.75
163.	★CUMBERLAND. The best pickling cucumber known.....	.10	.20	.45	1.50	7.00
164.	★OLDS' SELECT WHITE SPINE. Our best White Spine.....	.10	.20	.45	1.40	6.50
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.....	.10	.20	.45	1.50	7.00
166.	THORBURN'S EVERBEARING. A continuous bearer.....	.05	.15	.45	1.45	6.75
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.....	.05	.15	.50	1.75	8.00
168.	★EARLY CYCLONE. King of the Earliest.....	.05	.15	.45	1.40	6.50
169.	★DAVIS PERFECT. Unequaled for color, shape and productiveness.....	.05	.15	.45	1.45	6.75
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.....	.10	.20	.60	2.00	9.25
171.	WEST INDIA GHERKIN or BURR. Small prickly fruits.....	.10	.20	.60	2.15	
172.	GIANT PERA. Large, long, smooth; flesh clear, crisp and tender.....	.05	.15	.50	1.70	7.75
172½.	LEMON. The Garden Lemon. Crisp and tender.....	.10	.20	.70	2.50	11.75
173.	PARISIAN PICKLING. A distinct variety.....	.10	.20	.60	2.00	
174.	OLDS' MIXED. Cucumbers the entire season.....	.05	.15	.35	1.10	5.00

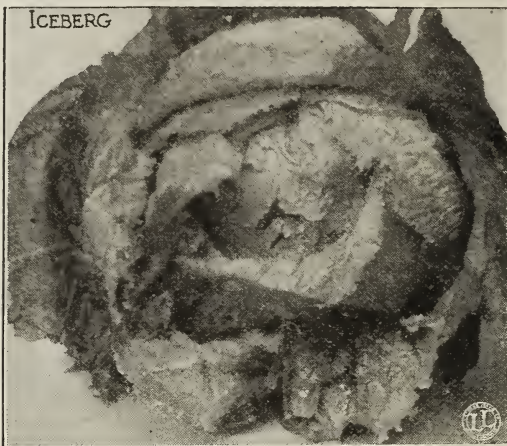
Egg Plant, Endive, Gourds, Kale and Kohl Rabi. See page 54.

LETTUCE

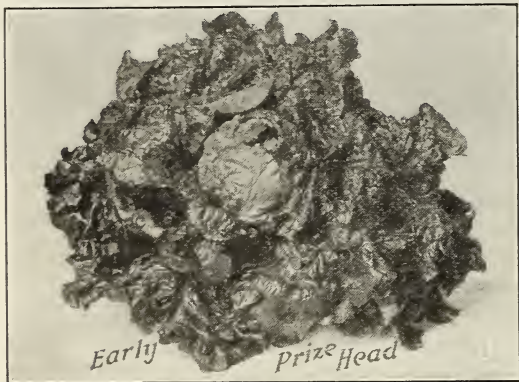
Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain seed sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Leaflet on Culture, free on request.



215. GRAND RAPIDS. (Olds' Earliest Forcing.) The best variety for forcing. It does not form heads but makes a rapid upright growth of loose leaves—see illustration above. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



216. ICEBERG. A beautiful head lettuce—see illustration above. The leaves turn in, causing thorough blanching. Crisp, tender and of fine flavor. It is quick growing and always crisp and tender even in hot weather. Heads large, firm and solid. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.



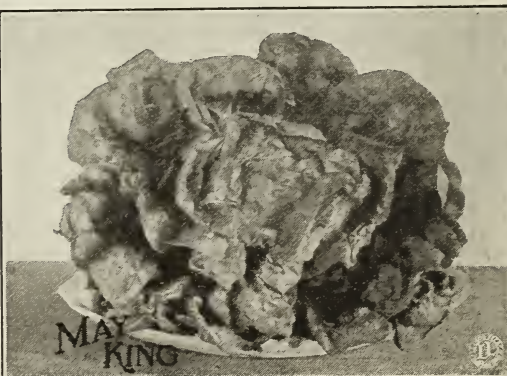
220. ★EARLY PRIZE HEAD. A splendid lettuce for home use—see illustration above. It forms a large, tender, crisp, loose leaf head of bright crimped leaves tinged with brownish red: remains good throughout the entire season. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.20.



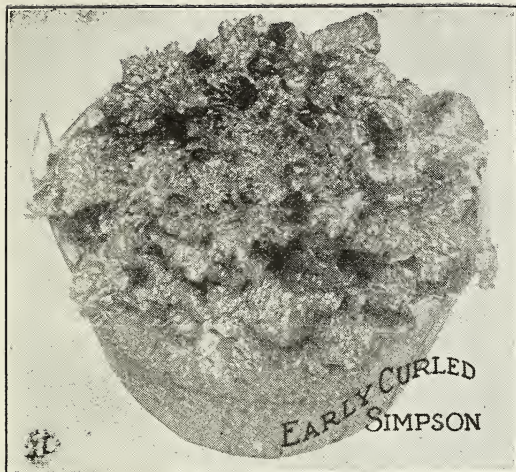
219. BLACK-SEEDED SIMPSON. The most popular loose leaf variety; crisp and tender. It grows a fine green leaf and the inner leaves form a loose head—see illustration above; very tender and crisp. The most desirable all-round lettuce. Pkt. 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.



BIG BOSTON. (222). Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.



MAY KING. (227). Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.



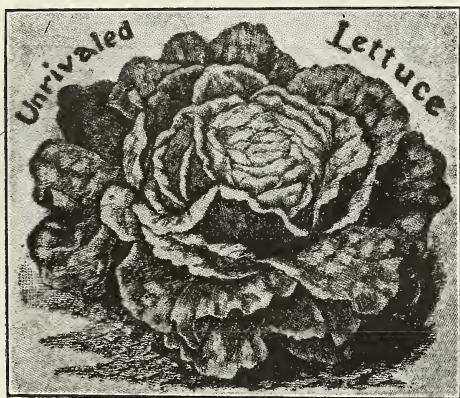
221. **EARLY CURLED SIMPSON.** An extensively used loose leaved variety. Fine for cutting and for home use—see illustration; leaves light green, crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



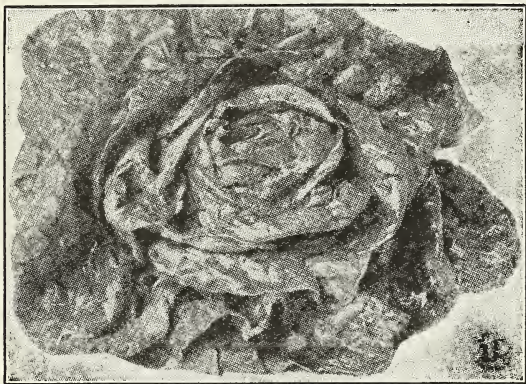
226. **OLDS' GOLDEN QUEEN.** One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



PARIS WHITE COS. (231). Pkt., 5c; oz., 15c.



223. **★UNRIVALED.** This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large, attractive in color, and resists the summer heat. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.



232. **WAYAHEAD.** A very early head lettuce. Sure to head and always good, early or late. It may be sown either in the cold frame or in the open ground. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

LETTUCE. Full List.

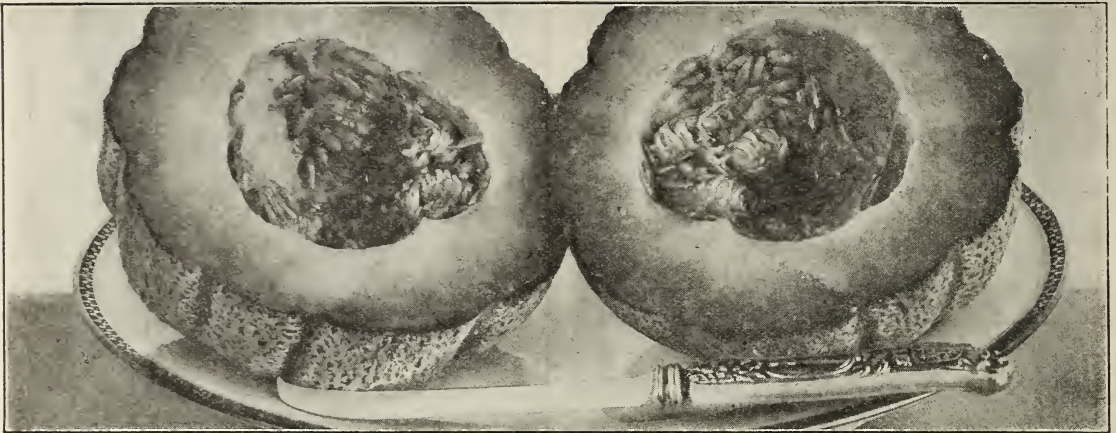
SOW LETTUCE OFTEN FOR A CONTINUOUS SUPPLY. Half pounds at pound rates.

	Parcel post.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
215. ★GRAND RAPIDS. (Olds' Earliest Forcing). The best forcing variety.....	\$0.10	\$0.20	\$0.40	\$1.25
216. ICEBERG. Solid heads, with leaves always crisp and tender.....	.10	.20	.45	1.45
217. IMPROVED HANSON. Heads solid, crisp and tender.....	.05	.15	.40	1.25
218. IMMENSITY. A new variety; large and heat-resisting.....	.05	.15	.45	1.50
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.....	.05	.15	.40	1.25
220. ★EARLY PRIZE HEAD. Splendid for family use.....	.05	.15	.40	1.20
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.....	.05	.15	.40	1.25
222. BIG BOSTON. The best large-headed variety for forcing.....	.05	.15	.45	1.45
223. ★UNRIVALED. It is early, attractive and resists heat.....	.10	.20	.50	1.60
224. BLACK SEEDED BIG BOSTON. An improved strain of Big Boston.....	.05	.15	.40	1.25
225. CALIFORNIA CREAM BUTTER. Extra fine.....	.05	.15	.40	1.25
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.....	.05	.15	.50	1.75
227. ★MAY KING. The best early-heading variety. Can also be used for forcing.....	.05	.15	.40	1.25
228. ALL THE YEAR ROUND. One of the best varieties for market.....	.05	.15	.45	1.50
229. OAK LEAVED. Light green, in shape like an oak leaf.....	.10	.20	.60	2.00
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson.....	.05	.15	.45	1.50
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves.....	.05	.15	.40	1.25
232. WAYAHEAD. A very early head lettuce. Illustrated above.....	.10	.20	.45	1.45
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing.....	.05	.15	.40	1.20

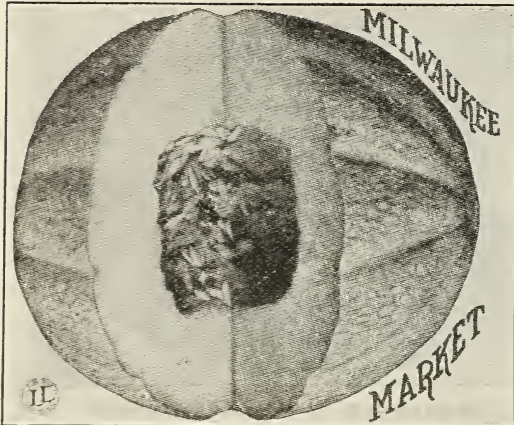
See Back Cover Page for "OLDS' DOLLAR COLLECTION," Wisconsin Standards. Leek, page 54.

MUSKMELON

Our Muskmelon Seed is the best that can be grown. Each packet contains seed enough to plant from 10 to 15 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we especially recommend. Order by number. Leaflet on culture for melons, free on request.



244. ★OLDS' ROCKY FORD or NETTED GEM. The melon that has made Rocky Ford Famous. Illustrated above. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.10 per lb.

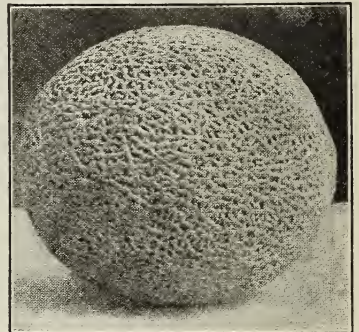


241 $\frac{1}{2}$. MILWAUKEE MARKET. One of the best melons for market and the home garden. Prolific, vigorous in growth and unsurpassed in flavor. This new melon made its appearance in Milwaukee a few years ago. It originated as a cross between the Surprise and a Gem melon. The skin is light green, fruits nearly round, with only slight sutures. The flesh is a deep salmon color, thick, firm and solid and possesses a rich aromatic flavor, very uniform in size and every melon is a good one. These melons are becoming very popular in market, often selling for \$5.00 a crate. As a market gardener's melon we believe it has no equal. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

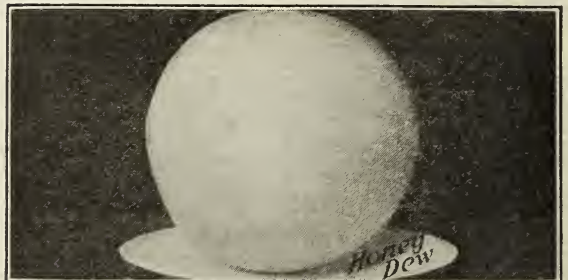
242. BURRELL'S GEM. The golden fleshed Rocky Ford. Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and 4 $\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is very thick. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

F. M. Leusch, Meadow, S. Dak., April 3, 1921, writes: "We had $\frac{1}{4}$ lb. of your Honey Dew melon last year and were much pleased with it. The ripe ones make fine preserves. I kept some until Jan. 20, they take the place of apples."

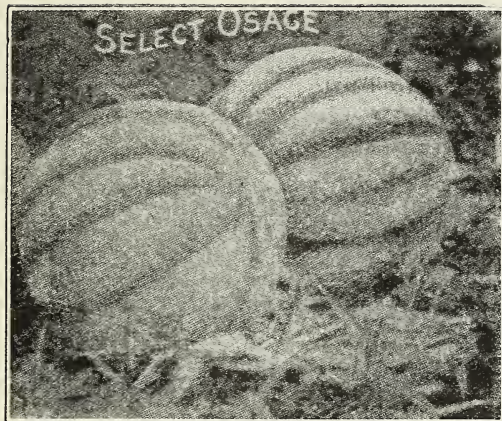
247 $\frac{1}{2}$. GOLD LINED ROCKY FORD. One of the sweetest and most delicious melons grown. The flesh is thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed is from the originator. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.



244 $\frac{1}{2}$. TEXAS CANNON BALL. Round, medium sized, heavily netted. See illustration above. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest seed cavity. Can be shipped any distance. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



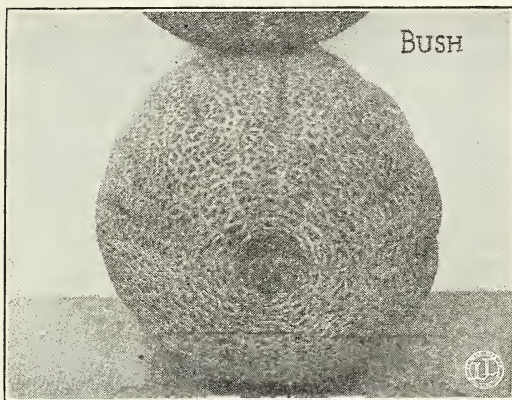
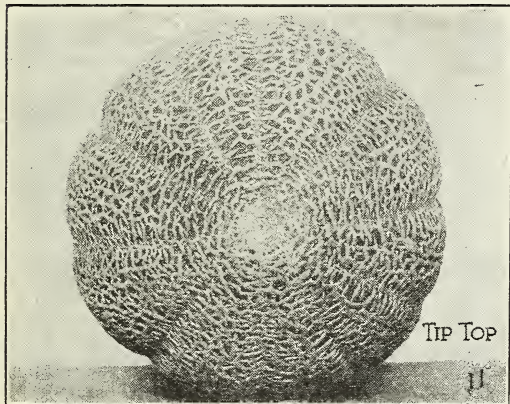
253. HONEY DEW MELON. The famous Honey Dew is as sweet as honey and has several flavors, including pineapple, banana and vanilla. See illustration above for size and appearance. Flesh green, very thick, melting and fine grained. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.65.



239. **★OLDS' SELECT OSAGE.** The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration above), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25. Not postpaid: 5 lbs., \$5.50.



245. **★OLDS' EARLY MODEL.** The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape—see illustration. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.65. Not postpaid: 2 lbs. or more at \$1.50 per lb.



254. **TIP TOP.** Handsome in appearance, round in shape, beautifully netted, of excellent flavor, firm, sweet and juicy. Yellow fleshed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

251. **NEW BUSH.** Distinctly a bush variety. It can be grown in hills three feet apart. The fruit is of the "Jenny Lind" type. Pkt., 15c; 2 pkts., 25c; oz., 40c; ¼ lb., \$1.35.

MUSKMELON. Complete List.

When melons crack around the stem they are ripe. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
236.	EXTRA EARLY HACKENSACK. Earlier and larger than the old Hackensack.....	\$.10	\$.20	\$.45	\$1.40
238.	EMERALD GEM. One of the sweetest melons in cultivation.....	.05	.15	.40	1.25
239.	★OLDS' SELECT OSAGE. The most popular melon with our customers.....	.05	.15	.40	1.25
240.	MONTREAL NUTMEG. A large, late variety, of superior quality.....	.05	.15	.40	1.35
240½.	EXTRA EARLY OSAGE. A new early variety; salmon-colored flesh.....	.10	.20	.45	1.50
241.	CHAMPION MARKET. As early as Netted Gem; large and prolific.....	.05	.15	.40	1.20
241½.	MILWAUKEE MARKET. The best melon for the home garden and market. Page 48.....	.10	.25	.85	3.00
242.	★BURRELL'S GEM. The golden-fleshed Rocky Ford.....	.05	.15	.40	1.25
243.	PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet and highly flavored.....	.05	.15	.40	1.20
243½.	★FORDHOOK. A handsome, new melon; very prolific.....	.10	.20	.45	1.45
244.	OLDS' ROCKY FORD. The melon that has made Rocky Ford, Colo., famous.....	.05	.15	.40	1.25
244½.	TEXAS CANNON BALL. The melon with the smallest seed cavity.....	.05	.15	.40	1.25
245.	★OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.....	.10	.20	.50	1.65
246.	MAMMOTH GIANT. The largest good muskmelon grown.....	.10	.20	.45	1.50
247.	HOODOO MUSKMELON. A good all-purpose melon.....	.05	.15	.40	1.20
247½.	GOLD LINED ROCKY FORD. Thick flesh, with a gold margin next to the seed cavity.....	.10	.20	.45	1.50
248.	GREEN FLESHED OSAGE. Very hardy and prolific.....	.10	.20	.45	1.50
248½.	BANANA. A delicious melon, shaped and flavored like a banana.....	.10	.20	.45	1.50
249.	★OLDS' MIXED. A selection of varieties grown separately and the seed mixed together.....	.05	.15	.40	1.20
250.	MANGO MELON. Vegetable Orange or Vine Peach.....	.10	.20	.50	1.75
251.	NEW BUSH. A bush variety—can be planted in hills three feet apart.....	.15	.40	1.35	5.00
252.	WINTER MUSKMELON. Golden Beauty Casaba. The Eastern Trade prefers it to any other. Give it a trial.....	.10	.25	.60	2.00
253.	HONEY DEW MELON. As sweet as honey. Can be eaten to the extreme rind.....	.10	.20	.50	1.65
254.	TIP TOP. Handsome, round, sweet and juicy. Illustrated above.....	.05	.15	.40	1.25

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed growers of experience. Our packets each contain seed, sufficient to plant from 8 to 12 hills; 4 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Two pounds or more at 5 pound rates. Market Gardeners should write for our market gardeners' net price list—free on request. Leaflet on melon culture, free on request.



268½. BRAZILIAN. The prize melon—give it a trial. Dorothy Cornell, of Mayer, Minn., writes: "I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before but this year had some very nice, sweet, juicy melons and any one buying your Brazilian Watermelon seed will be more than satisfied I am sure." Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c.

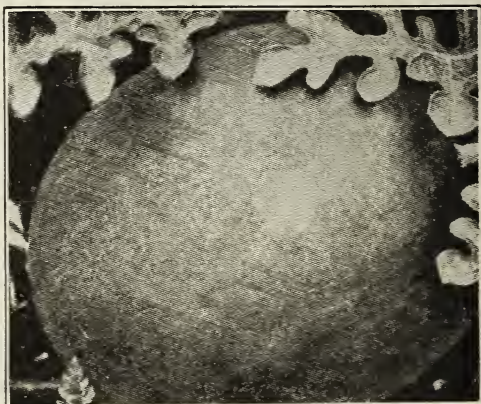
If you have never ordered one of our Dollar Collections of Wisconsin Standards do so this season. It is a real bargain. \$2.25 worth for \$1.00. See Back Cover.



KLECKLEY SWEETS. (270). Pkt., 5c; oz., 15c.



TOM WATSON. (271½). Pkt., 5c; oz., 15c; ¼ lb., 30c.



CHILIAN. (265). Pkt., 5c; oz., 15c; ¼ lb., 35c.

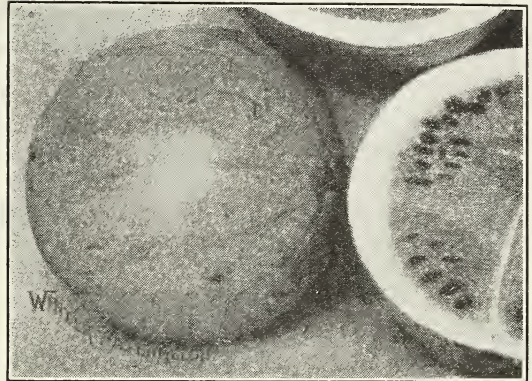
267. ★ICE CREAM OR PEERLESS. A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c. Not postpaid: 2 lbs. or more, at 65c. per lb.

270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance—see illustration; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c. Not postpaid: 5 lbs., \$3.25.

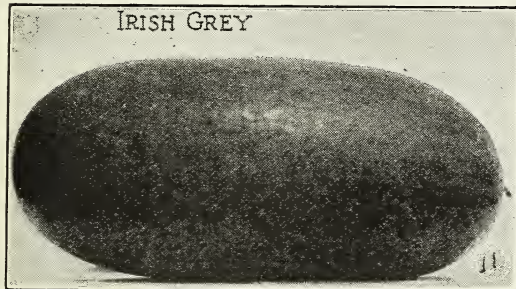
271½. TOM WATSON. A large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and very handsome in appearance. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c. Not postpaid: 2 lbs. or more, at 65c. per lb.



270½. KLONDIKE. The sweetest melon grown. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

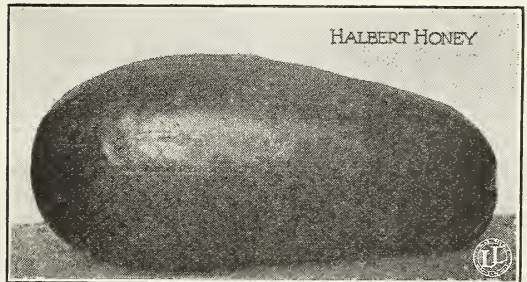


276½. WINTER. The Winter Watermelon is earlier than "The Sweetheart," almost as hard and solid as a citron. The melons are almost round with a light green skin—see illustration above. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Seed scarce. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c.



268. IRISH GREY. A new heat resistant grey melon; deep red flesh, hard and sweet. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 40c, or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

Mrs. Viola A. Aldrich, Sioux Falls, S. D., writes: "The Irish Grey Watermelons were fine. They ripened before Hungarian Honey, planted the same time. They had a very firm, thin rind and the flesh was very sweet."



273. HALBERT HONEY. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the Northern states. It is not a good shipper, but it is one of the sweetest melons yet introduced. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c; 2 lbs. or more, 80c per lb.

The Best Seeds That Grow Are Sold By Olds.

WATERMELON. Full List.

2 lbs. at 5 pound rates. Dust Young Watermelon Plants With Bug Death—Page 93.

260.	WONDERFUL SUGAR.	(McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.....			
261.	SWEET HEART	The best long shipper. Large oval, flesh bright red.....			
262.	★COLE'S EARLY.	A very early melon; just right in size and shape.....			
263.	FORDHOOK EARLY.	The earliest large melon; a good shipper. Melons large, skin dark green; flesh bright red, crisp and sweet.....			
264.	KOLB'S GEM.	A well-known shipper. Large and a heavy yielder.....			
264½.	DARK ICING.	Skin dark green; flesh sweet and melting—the trucker's favorite.....			
265.	OLDS' 1908 MELON	(Chilian). Promises to be the most profitable melon for the grower and dealer as well as best for the consumer.....			
267.	★ICE CREAM or PEERLESS.	A standard home variety.....			
268.	IRISH GREY.	A new melon for trial. Illustrated and described above.....			
268½.	BRAZILIAN.	Sweet, luscious and attractive. See page 50.....			
269.	GIRARDEAU'S TRIUMPH.	Large, prolific and sweet. A good shipper.....			
270.	★KLECKLEY SWEETS.	One of the finest melons yet introduced.....			
270½.	KLONDIKE.	The sweetest melon grown—try it.....			
271.	ALABAMA SWEET.	An early maturing melon. Color deep green, rind thin but tough, flesh bright red, fine grained and sweet; an excellent shipper.....			
271½.	TOM WATSON.	A new Watermelon of merit.....			
272.	BLACK DIAMOND.	A new melon—large and productive; a good shipper.....			
272½.	GOLDEN HONEY.	A beautiful golden-flesh melon. One of the finest in quality.....			
273.	HALBERT HONEY.	A new melon; one of the best for the home garden.....			
274.	HUNGARIAN HONEY.	A superb melon and one of the sweetest.....			
275.	PRESERVING CITRON.	Colorado Preserving. The most desirable.....			
276.	GEORGIA RATTLESNAKE.	A large, oblong, dark green melon.....			
276½.	WINTER.	The Winter Watermelon. A long keeper. Short crop.....			
277.	MIXED.	Will produce choice melons throughout the whole season.....			

By parcel post.

pkt.	oz.	¼ lb.	lb.	5 lbs
\$0.05	\$0.15	\$0.30	\$.90	\$4.00
.05	.15	.30	.85	3.75
.05	.15	.30	.80	3.25
.05	.15	.35	.95	4.25
.05	.15	.25	.75	3.25
.05	.15	.25	.75	
.05	.15	.35	1.00	4.50
.05	.15	.30	.80	3.25
.10	.20	.40	1.25	5.75
.05	.15	.35	1.00	4.50
.05	.15	.25	.75	3.25
.05	.15	.30	.80	3.50
.10	.20	.45	1.50	7.25
.05	.15	.30	.80	3.50
.05	.15	.30	.80	3.50
.05	.15	.25	.75	3.25
.05	.15	.35	.95	4.25
.05	.15	.30	.90	4.00
.05	.15	.35	1.00	4.50
.05	.15	.35	.85	3.75
.05	.15	.35	.80	3.50
.10	.20	.50		
.05	.15	.25	.75	3.25

MUSTARD, MUSHROOM SPAWN. Page 54.

ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are nice and just the right size. One pound will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest green onions. Red or Summer Top sets, are planted in the spring to grow large onions for winter use. Red and White Multipliers are fine for bunching greens. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Leaflet on Onion Set culture, free on request.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.
We recommend Our White Australian Onion Seed for growing sets.



	By mail, postpaid.		By express or freight.					
	½ lb.	lb.	½ lb.	lb.	4 lbs.	8 lbs.	bu.	
WHITE BOTTOM.....	\$0.20	\$0.30	\$0.15	\$0.25	\$0.75	\$1.35	\$5.00	
YELLOW BOTTOM.....	.20	.25	.15	.20	.65	1.15	4.25	
RED BOTTOM.....	.20	.25	.15	.20	.65	1.15	4.25	
RED TOP (Improved).....	.25	.35	.20	.30	.90	1.65	6.25	
EGYPTIAN or PERENNIAL.....	.20	.25	.15	.20	.60	1.10	4.00	
WHITE MULTIPLIER.....	.25	.40	.20	.35	1.10	2.10	8.00	
RED MULTIPLIER.....	.20	.25	.15	.20	.65	1.20	4.50	

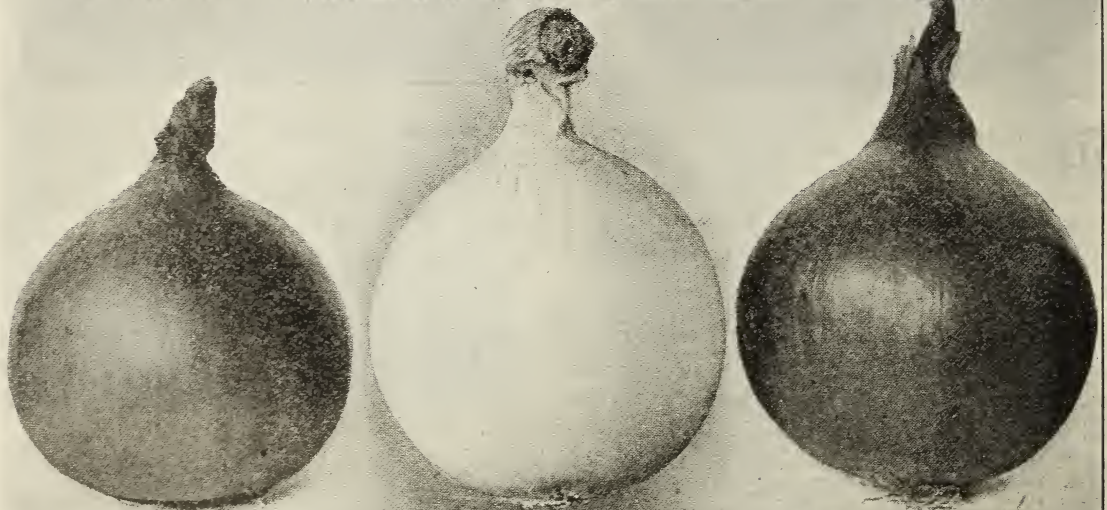
Geo. A. Benedict, Cobleskill, N. Y., writes: "I raised 4¼ bushels onions from the ounce Ailsa Craig onion seed purchased of you. They are fine, large, mild and sweet."

Earl E. Monfore, Springfield, S. Dak., Mar. 10, 1921, writes: "We ordered your Dollar Collection last year and it resulted in the best garden we or any of our neighbors have ever had."—See back cover page.

ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain seeds, sufficient to sow from 25 to 30 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Order by number. * Three pounds or more at 5-lb. rates. Market gardeners' price list free on request for those who raise vegetables to sell. Leaflet on proper culture for onions, free on request.

OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON

OLD'S THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, mostly Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each, 25 cents.

280. **OLD'S GOLDEN GLOBE.** A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 50c; lb., \$1.75.

281. **OLD'S SILVER GLOBE.** Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

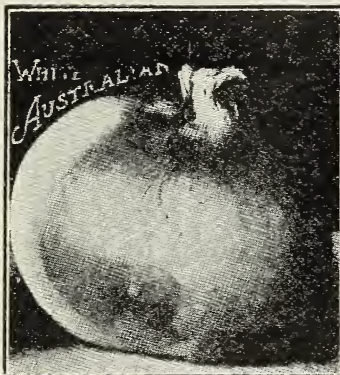
282. **OLD'S CRIMSON GLOBE.** Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy, a good keeper and very productive. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 50c; lb., \$1.65.

"OLD'S CATALOG TELLS THE TRUTH."

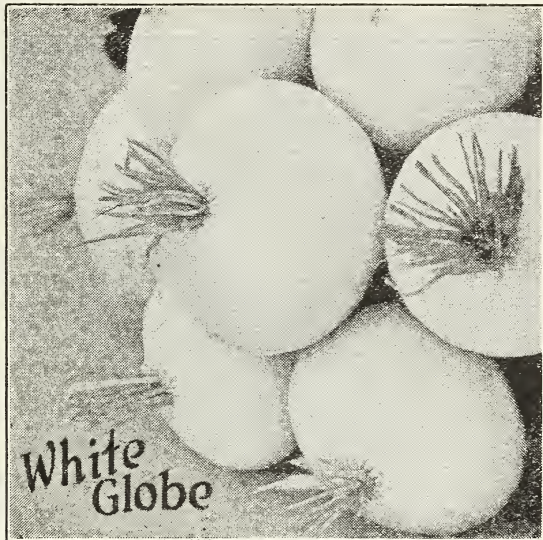


289. WHITE AUSTRALIAN. A new onion now true to type. The illustration below shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. As compared with the Brown Australian—the shape is the same; size one-quarter larger; season earlier and

as good a keeper. The White Australian is a very desirable onion for the home garden as well as for market and on account of its keeping qualities; fine to grow for sets. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 2 lbs. or more, at \$1.60 per lb.



285. OLD'S BEST YELLOW GLOBE DANVERS. The Yellow Globe Danvers is a standard onion, more largely grown than any



other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. Ours is the best strain of Yellow Globe Danvers CALIF. GROWN SEED: Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50. Not pre-paid: 2 lbs. or more, at \$1.35 per lb.

290. ★SOUTHPORT YELLOW GLOBE. Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. EASTERN GROWN SEED: Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50. Not postpaid: 2 lbs. or more, at 1.35 per lb. CALIF. GROWN SEED: \$1.25 per lb.

291. ★SOUTHPORT LARGE RED GLOBE. The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. We offer the true Southport strain. EASTERN GROWN SEED: Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.45. Not postpaid: 2 lbs. or more, at \$1.30 per lb. CALIF. GROWN SEED: \$1.20 per lb.

292. SOUTHPORT WHITE GLOBE. Beautiful and symmetrical, with clear pure white skin—see illustration above. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market onion. EASTERN GROWN SEED: Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.25. Not postpaid: 2 lbs. or more, at \$2.10 per lb. CALIFORNIA GROWN SEED: \$2.00 per lb.

297½. GIGANTIC GIBALTAR. The giant Gibraltar is a large Spanish onion introduced more than 20 years ago, as the largest onion grown. It is still the largest onion we know of, single specimens having grown to weigh almost two pounds. The skin is a light straw color; flesh white, mild and tender. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

288. AILSA CRAIG. An onion unexcelled for form, size and weight. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

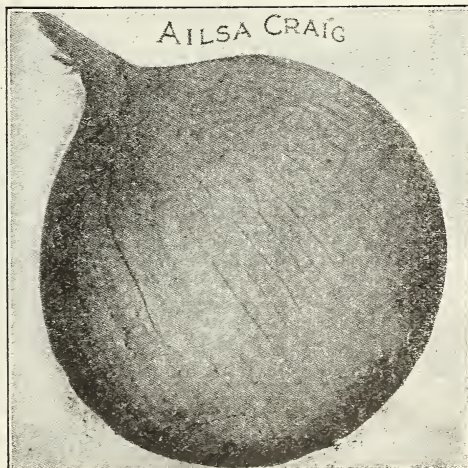
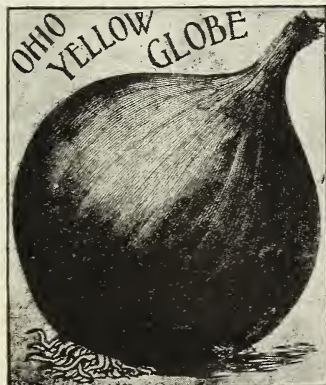


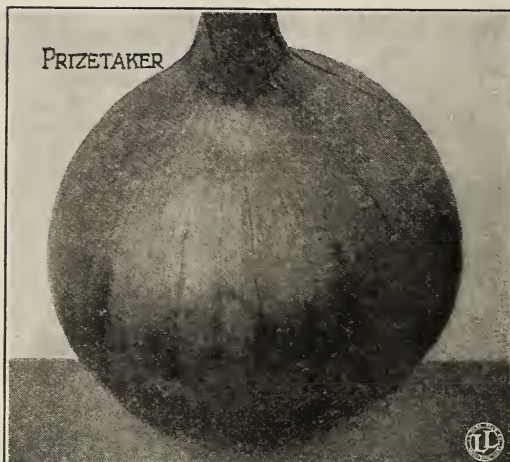
300. OLD'S SELECT OHIO YELLOW GLOBE. This is a bright yellow onion, with a small neck, illustrated opposite; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50. Not postpaid: 2 lbs. or more, at \$1.35 per lb.

We state under the vegetable seed headings what each packet will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS printed on every packet, and ounce package.

Full and complete list of onions next page.





- 287. OLDS' EXTRA LARGE RED WETHERSFIELD.** The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and better flavored than any other sort. It is in every respect a perfect red. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb. \$1.45. Not postpaid: 2 lbs. or more, at \$1.30 per lb.
- 295. OLDS' LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.
- 297. *OLDS' PRIZE-TAKER.** A large, handsome, yellow onion. An excellent keeper, fine flavor; good shape and very productive. Our seed is American grown. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.35 per lb.

BERMUDA ONIONS.

Bermuda Onions are becoming more popular every year and strictly first class seed is in greater demand than ever before. Our seed is direct from Teneriffe, Canary Islands.

283. CRYSTAL WAX. The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten out of the hand like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 10c; 2 pkts., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

284. YELLOW BERMUDA. The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 10c; 2 pkts., 15c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$3.50.

284½. RED BERMUDA. The largest variety. Price, same as for Yellow Bermuda. One packet each of the above Red, White and Yellow, for 25 cents.



ONION. Full List.

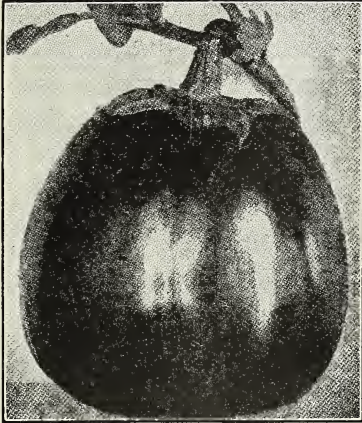
Olds' Seeds are essential to success in every garden. Half-pounds at pound rates.

		By parcel post.				
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
280.	OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.....	\$0.10	\$0.25	\$0.50	\$1.75	\$
281.	OLDS' SILVER GLOBE. One of the most handsome onions grown.....	.10	.25	.70	2.50	
282.	OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.25	.50	1.65	
283.	CRYSTAL WAX. The most attractive and the most profitable Bermuda Onion.....	.10	.40	1.35	5.00	
284.	YELLOW BERMUDA. The standard variety; pale yellow in color.....	.10	.35	.95	3.50	
284½.	RED BERMUDA. The largest variety.....	.10	.35	.95	3.50	
285.	*OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.05	.20	.45	1.50	7.00
286.	EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.05	.20	.45	1.40	6.50
287.	OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain.....	.05	.20	.45	1.45	6.75
288.	AILSA CRAIG. A most excellent shaped onion.....	.10	.25	.70	2.50	12.00
289.	WHITE AUSTRALIAN. Better than Australian Brown.....	.05	.15	.50	1.75	8.25
290.	SOUTHPORT YELLOW GLOBE. A heavy yielder.....	.05	.20	.45	1.50	7.00
291.	*SOUTHPORT LARGE RED GLOBE. The most perfect globe-shaped onion.....	.05	.20	.45	1.45	6.75
292.	SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.10	.25	.65	2.25	10.75
293.	WHITE PORTUGAL or Silver Skin. A favorite white onion; very mild.....	.10	.25	.60	2.00	9.50
294.	YELLOW DANVERS FLAT. Largely grown for market and for sets.....	.05	.20	.40	1.25	5.75
295.	OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.....	.05	.25	.70	2.50	12.00
296.	MAAMOTH SILVER KING. Handsome, sweet, tender and mild.....	.10	.25	.70	2.50	12.00
297.	*PRIZE-TAKER. The genuine. Large and handsome.....	.05	.20	.40	1.50	7.00
297½.	GIGANTIC GIBRALTAR. The largest mild-flavored onion we know of.....	.10	.25	.70	2.50	12.00
299.	AUSTRALIAN BROWN. Extra early and a sure cropper.....	.05	.20	.35	1.10	5.00
299½.	YELLOW STRASBURG. The variety most used for sets.....	.05	.20	.35	1.15	5.25
300.	OLDS' SELECT OHIO YELLOW GLOBE. See page 53.....	.05	.20	.45	1.50	7.00
303.	*OLDS' EARLY WHITE QUEEN. The best for small pickles.....	.10	.25	.70	2.50	12.00
303½.	WHITE WELSH. Most suitable for green onions.....	.10	.25	.70	2.60	

304. MIXED ONION SEED. Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 35c; lb., \$1.10; 5 lbs., \$5.00.

ORDER EARLY. Get seed in hand before planting time.

EGG PLANT



High Bush Egg Plant. Pkt., 10c.

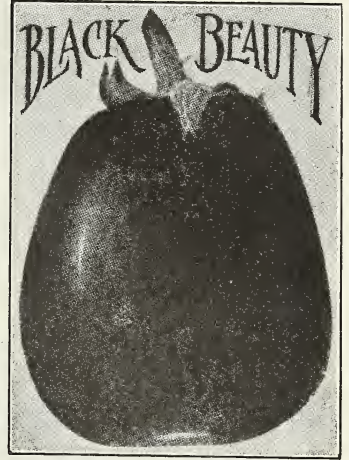
Egg plants are easily cultivated, but should not be transplanted until the weather is assured. Our packets each contain seed sufficient to produce from 100 to 150 plants. $\frac{1}{4}$ lb. will furnish plants enough to set one acre. We can also furnish **Black Beauty**, transplanted egg plants in season. Doz., 40c; 50 for \$1.25. Not postpaid: 50 for \$1.15.

180. NEW YORK IMPROVED. Very large, smooth and spineless. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

181. ★BLACK BEAUTY. The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00.

183. FLORIDA HIGH BUSH.

A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.



ENDIVE.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

- 185. **GREEN CURLED.** Dark green leaves; blanches white.
- 186. **WHITE CURLED.** Leaves finely cut and almost white.
- 187. **BROAD-LEAVED BATAVIAN.** Leaves broad and thick.

USEFUL GOURDS.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

- 190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs.
- 191. **SUGAR TROUGH.** Crop failed.
- 192. **THE DIPPER.** Long fruits, straight or slightly crooked.
- 193. **HERCULES CLUB.** Ornamental as well as useful.
- 194. **ORANGE.** The size and shape of an orange.
- 195. **PEAR-SHAPED.** Striped yellow and green.
- 196. **APPLE-SHAPED.** Beautifully striped.
- 199. **MIXED.** All the above and other varieties mixed.

KALE OR BORECOLE.

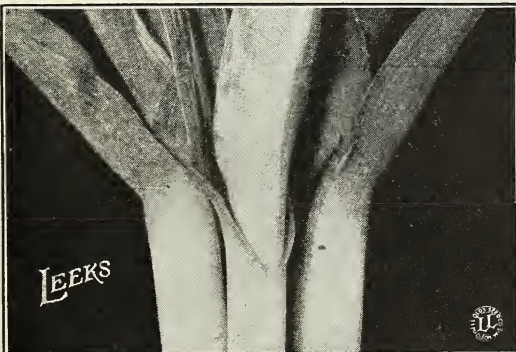
Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

- 200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost.
- 201. **DWARF CURLED SCOTCH.** Dwarf, beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

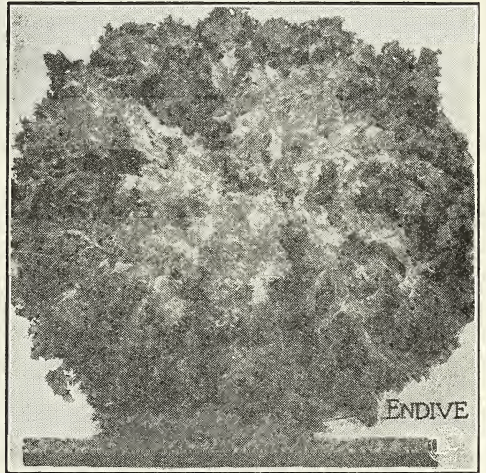
- 205. **EARLY WHITE VIENNA.** Probably the best early variety.
- 206. **PURPLE VIENNA.** A popular variety for table use.



LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

- 210. **AMERICAN FLAG.** A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.



ENDIVE

MUSTARD.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 85c.

- 255. **BLACK OR BROWN.** More pungent than white.
- 256. **NEW WHITE CHINESE.** Large tender leaves.
- 257. **NEW MONSTROUS.** A new thick-leaved variety.
- 258. **WHITE LONDON.** Fine for salads and garnishing.

MUSHROOM.

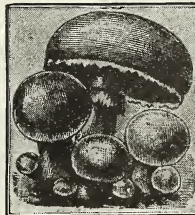
Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 11-13 lbs. Cultural directions free with every order. One brick, 45c; 3 bricks (4 lbs.) \$1.15. Not prepaid: 1 brick, 35c; 3 bricks, 80c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 35c, postpaid, or free (on request) with an order for 6 bricks, or more.

OKRA.

- 278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.



PARSNIP

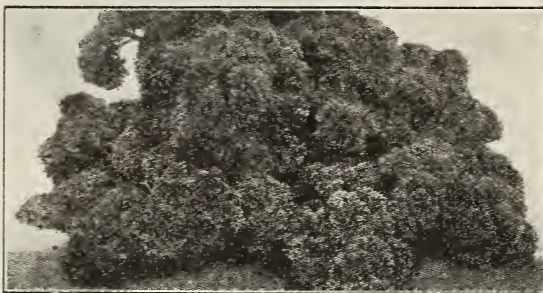


While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 25 feet long; 5 lbs. will seed one acre.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
310. ★IMPROVED GUERNSEY. The best variety; roots smooth and easily harvested.	\$0.05	\$0.15	\$0.30	\$0.80
311. HOLLOW CROWN. The old standard variety.	.05	.15	.30	.80
312. EARLY SHORT ROUND. Early and well adapted to any soil.	.05	.20	.40	1.25

310. ★IMPROVED GUERNSEY PARSNIP. An improved strain and one that has given general satisfaction. See illustration opposite. Pkt., 5c; oz., 15c; ¼ lb., 30c.

☛ Orders to go by mail are filled the same day as received.



305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c.

PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.



308. **OLDS' DWARF PERFECTION.** A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c.

309. **HAMBURG (TURNIP ROOTED.)** A turnip-rooted variety; resembling a small parsnip—rich and distinctive in flavor. The roots may be stored for winter use. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain sufficient seed to plant from .10 to 15 feet of drill; one pound will plant 75 feet; 90 to 120 lbs. an acre. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Leaflet on How to Grow Peas, free on request. We pay postage on peas, unless otherwise mentioned.

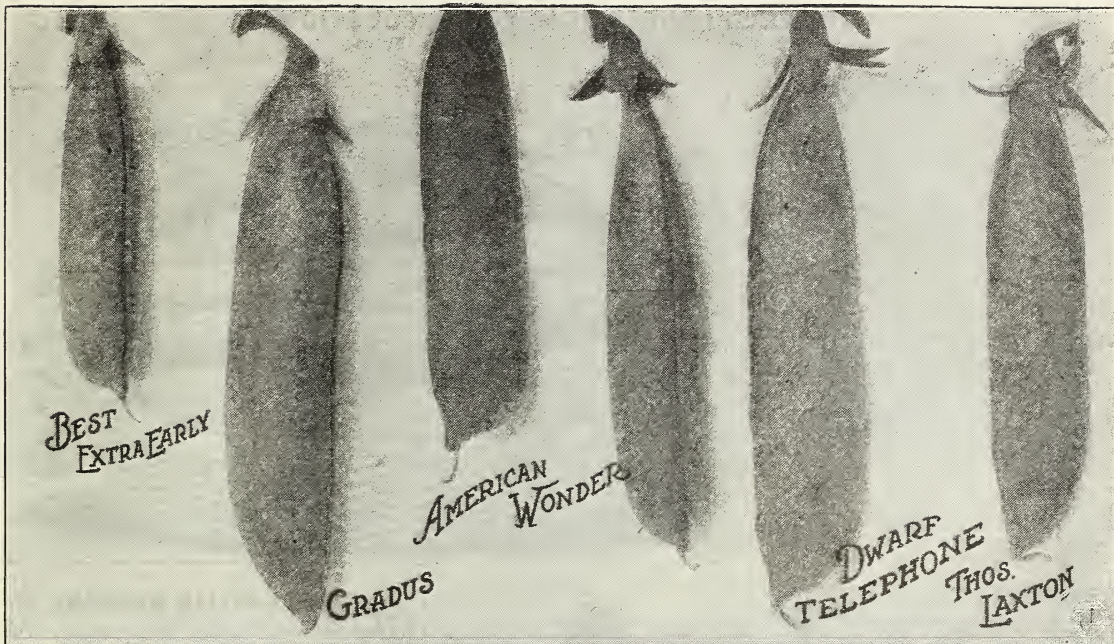


320½. ★**OLDS' BEST EXTRA EARLY.** The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.



322. **TELEPHONE.*** The leading market gardeners' variety. The vines are tall and vigorous, producing an abundance of large well filled pods—see illustration above. It comes into use soon after Premium Gem. Also one of the best sorts for the home garden. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

If you have anything new that is good write about it. Full and complete list of Peas—page 58.



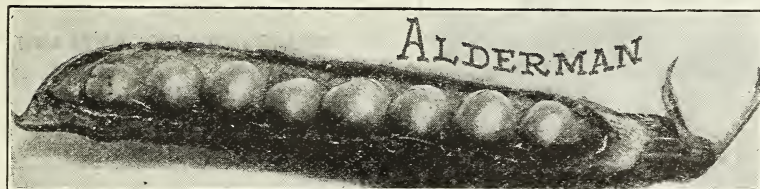
321. **★GRADUS.*** Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

330. **AMERICAN WONDER.*** A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; lb., 35c; 2 lbs., 60c.

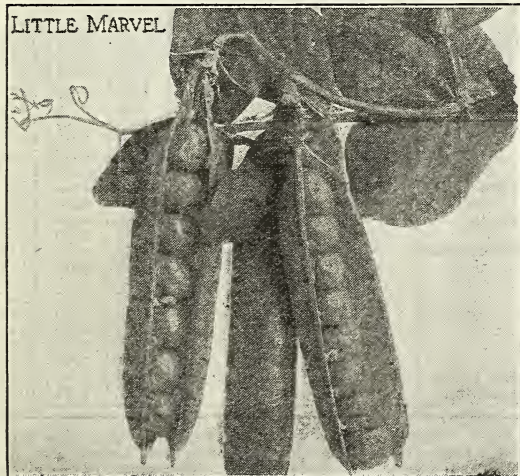


335. **★OLDS' DWARF TELEPHONE.*** The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

334. **THOMAS LAXTON.*** A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.



333½. **ALDERMAN.*** A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance—see illustration. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.



339. **LITTLE MARVEL.*** A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

320. **★SURPRISE.*** A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; lb., 30c; 2 lbs., 55c.

326½. **PIONEER.*** A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.



321½. **PETER PAN.*** The most productive early dwarf variety. The plants (covered with pods) are robust in habit and grow about 18 inches in height. Price for 1922: Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

323½. **SUTTON'S EXCELSIOR.*** A new large-podded dwarf variety. The plants grow 14 inches high and are very productive; maturing nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

If you buy peas by the pint you get 15 ounces. Buy by the pound and get full 16 ounces.

THREE SPLENDID PEAS FOR SUCCESSION.

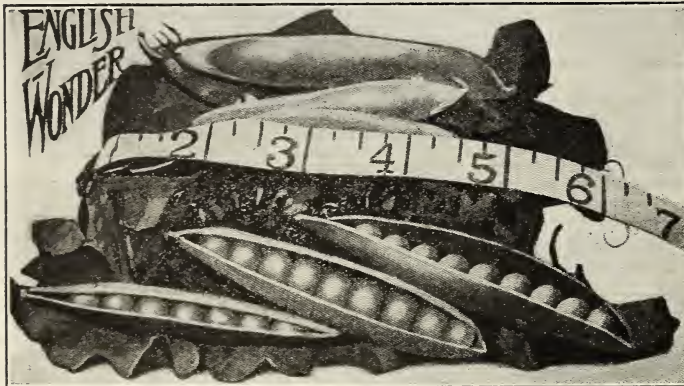
One pkt. each, 20c; one lb. each, 90c; 2 lbs. of each \$1.75, postpaid. By express or freight, not prepaid: 2 lbs. of each \$1.45; 7½ lbs. of each \$6.00.

325. **★NOTT'S EXCELSIOR.*** The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Little Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

321. **THE HEROINE.*** Our best second early. It bears profusely and produces large, well-filled pods. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 60c.

326. **IMPROVED STRATAGEM.*** The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; one of the very finest for a later second early. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY IF POSSIBLE. There is a shortage of some varieties of peas and the demand for good seed will be greater than ever before.



333. **★ENGLISH WONDER.*** The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

324½. **LAXTONIAN.*** The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 70c.

327. **CHAMPION OF ENGLAND.*** One of the richest, best flavored late peas grown; very productive. Pkt., 10c; 2 pkts., 15c; lb., 30c; 2 lbs., 55c.

PEAS. Full List.

30 lbs., at 60 lb. rates. 7 lbs., one half pk.; 14 lbs., one pk., 56 lbs., one bu., except where noted.

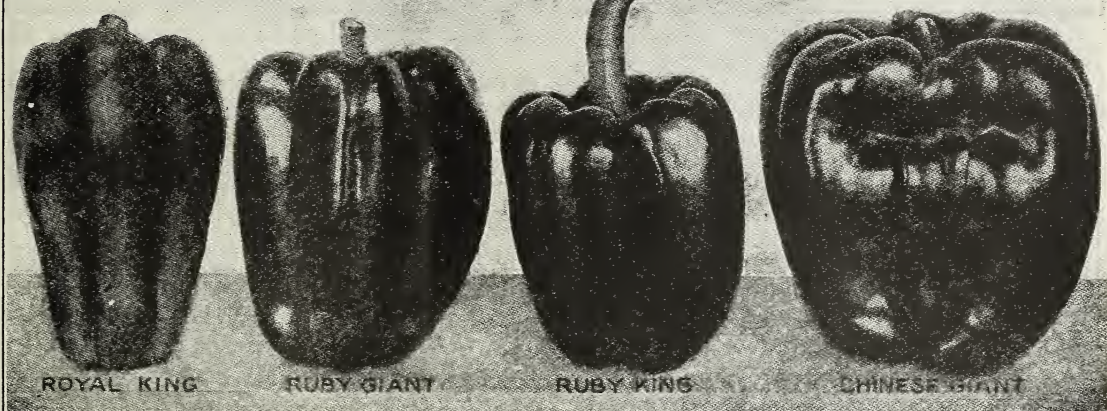
320. **★SURPRISE.*** The earliest of all wrinkled peas. Pods good size and well filled. Peas very tender and sweet.
- 320½. **★OLDS' BEST EXTRA EARLY.*** The best strain. Bu. 60 lbs.
321. **THE HEROINE.*** Our best second early.
- 321½. **PETER PAN.*** The leading dwarf early pea.
322. **TELEPHONE.*** Most popular late variety.
323. **ALASKA.*** The earliest of all blue peas. Very productive. Bu. 60 lbs.
- 323½. **SUTTON'S EXCELSIOR.*** A new dwarf variety.
324. **★GRADUS.*** The earliest large-podded pea in cultivation.
- 324½. **LAXTONIAN.*** The new dwarf Gradus.
325. **★NOTT'S EXCELSIOR.*** The best early dwarf pea.
326. **IMPROVED STRATAGEM.*** The best late large-podded pea.
- 326½. **PIONEER.*** A very popular recent introduction.
327. **CHAMPION OF ENGLAND.*** One of the best peas grown.
328. **MCLEAN'S ADVANCER.*** A market gardener's favorite.
329. **LITTLE GEM.*** Height, 16 to 18 inches; very prolific; excellent flavor.
330. **AMERICAN WONDER.*** Dwarfest of all varieties.
332. **BLISS' EVERBEARING.*** Very popular. Season medium to late.
333. **★ENGLISH WONDER.*** The sweetest pea we know of.
- 333½. **ALDERMAN.*** A midseason variety; well adapted to the home-garden.
334. **THOMAS LAXTON.*** One of the best yet introduced.
335. **★OLDS' DWARF TELEPHONE.*** Most prolific dwarf pea.
339. **LITTLE MARVEL.*** Described on Page 57.
341. **MAMMOTH LUSCIOUS SUGAR.** The perfect sugar pea. Bu. 60 lbs.
345. **WHITE MARROWFAT.** An old favorite market pea. Bu. 60 lbs.

By parcel post.			By express or freight.			
pkt.	lb.	2 lbs.	2 lbs.	7½ lbs	15 lbs.	60 lbs.
\$0.10	\$0.30	\$0.55	\$0.45	\$1.75	\$3.45	\$13.75
.10	.30	.55	.45	1.50	2.90	11.50
.10	.35	.60	.50	1.80	3.55	14.00
.10	.35	.65	.55	1.95	3.85	15.25
.10	.35	.65	.55	1.95	3.80	15.00
.10	.30	.50	.40	1.35	2.65	10.50
.10	.35	.65	.55	1.95	3.85	15.25
.10	.35	.65	.55	2.00	3.95	15.75
.10	.40	.70	.65	2.10	4.15	16.50
.10	.35	.60	.50	1.85	3.60	14.25
.10	.35	.65	.55	1.95	3.85	15.25
.10	.40	.70	.60	2.10	4.10	16.25
.10	.30	.55	.45	1.65	3.20	12.75
.10	.30	.55	.45	1.50	2.90	11.50
.10	.30	.55	.45	1.70	3.30	13.00
.10	.35	.60	.50	1.85	3.65	14.50
.10	.30	.55	.45	1.70	3.35	13.25
.10	.35	.65	.55	1.95	3.85	15.25
.10	.35	.65	.55	1.95	3.80	15.00
.10	.35	.65	.55	2.00	3.90	15.50
.10	.35	.65	.55	1.95	3.80	15.00
.10	.40	.70	.60	2.25	4.40	17.50
.10	.30	.50	.40	1.30	2.55	10.00

NITRAGIN

FOR GARDEN PEAS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden peas you will always use it. It pays for itself ten times over. It is not an expense, but a necessary investment for the best results. Price Garden Size, 17c Postpaid. Not Postpaid, 15c.

PEPPER



Each packet contains seed sufficient to produce over 150 plants; ½ lb. of seed is enough for one acre. Order by number. We can also furnish transplanted **PEPPER PLANTS**, in season. **Crimson Giant**, early and mild. **Golden Queen**, the best yellow. Hot varieties, mixed sorts. Doz., 30c; 50 for \$1.00. Not postpaid: 50 for 90c.

Mail, postpaid

	pkt.	½ oz.	oz.	¼ lb.	lb.
350. ★ RUBY KING . A very popular red pepper; mild and sweet.....	\$0.10	\$0.25	\$0.40	\$1.25	4.50
351. BELL OR BULL NOSE . The best known red pepper; early and prolific.....	.10	.25	.35	1.15	4.25
351½. RUBY GIANT . A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.10	.25	.45	1.50	5.75
352. GOLDEN QUEEN . Bright golden yellow; productive, mild and sweet.....	.10	.30	.50	1.85	7.00
352½. CRIMSON GIANT . A new early pepper; large, early, red, sweet and mild.....	.10	.30	.55	1.90	7.25
353. SWEET MOUNTAIN . A strong grower; large, productive and sweet.....	.10	.25	.40	1.35	5.00
354. CHINESE GIANT . A very desirable variety, of recent introduction.....	.10	.30	.55	1.95	7.25
354½. ROYAL KING . A new pepper; thick meat, mild and sweet; a heavy bearer and a good shipper. The type is fixed and the peppers are all of uniform size.....	.10	.25	.45	1.50	5.75
355. ★ OLDS' EARLY NEAPOLITAN . Bright red peppers, produced in abundance.....	.10	.25	.45	1.45	5.50
355½. RED CHILL . Very small, bright red, cone shaped and one of the hottest.....	.10	.25	.40	1.25	4.50
356. LONG RED CAYENNE . A standard household variety—hot and pungent.....	.10	.25	.45	1.50	
356½. PIMIENTO PEPPER . A new picnic pepper—not affected by early frost.....	.10	.25	.35	1.10	4.00
357. RED CLUSTER . Small, thin red pods borne upright in clusters.....	.10	.25	.45	1.50	5.75
357½. OLDS' RED HOT (Tobasco). Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.10	.30	.55	1.95	7.50
358. MIXED PEPPERS . The above varieties mixed.....	.05	.20	.35	1.10	4.00
359. NEW TOMATO PEPPER . In shape and general appearance resembles a tomato....	.10	.30	.50	1.85	

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains seed, sufficient to plant from 6 to 8 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn.

362. ★**LARGE CONNECTICUT YELLOW FIELD**. (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 65c. Not postpaid: 2 lbs. or more, 50c per lb.

361. ★**QUAKER PIE**. A distinct variety, very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.35 per lb.

366. **JAPANESE PIE**. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.60. Not postpaid: 2 lbs. or more, \$1.45 per lb.

360. ★**KING OF MAMMOTHS**. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.65. Not postpaid: 2 lbs. or more, \$1.50 per lb.

369. **GOLDEN OBLONG**. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

FULL LIST.

Half-pounds at pound rates. Three pounds or more at five pound rates.

By parcel post.

	pkt.	oz.	¼ lb.	lb.	5 lbs.
360. ★ KING OF MAMMOTHS . The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.10	\$0.20	\$0.50	\$1.65	\$7.75
361. ★ QUAKER PIE . A very prolific variety, and one of the best for pies.....	.10	.20	.45	1.50	7.00
362. ★ LARGE CONNECTICUT YELLOW FIELD . The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$2.50.....	.05	.15	.25	.65	2.75
363. SMALL SUGAR . The noted New England Pie Pumpkin; very sweet.....	.05	.15	.30	.95	4.25
364. WINTER LUXURY . A new variety, pronounced by many the best pie pumpkin... ..	.10	.20	.45	1.50	7.00
366. JAPANESE PIE . A new pumpkin, of Japanese origin; dry and sweet.....	.10	.20	.45	1.60	7.50
368. LARGE CHEESE . A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$2.50.....	.05	.15	.25	.65	2.75
369. GOLDEN OBLONG . A new variety, very fine and productive.....	.10	.20	.40	1.25	5.75
369½. OLDS' MIXTURE . Pumpkins all the season with one planting.....	.05	.15	.30	.85	3.75

RADISH

Our list includes the best varieties, and our seed is grown from choice stock seed. Pkts. each contain seed sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills.



371½. OLDS' RED GLOBE FORCING. Grows quick and is the best for forcing indoors or out. Globe-shaped; bright red in color; crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.05; 2 lbs. or more, 95c per lb.

378½. O L D S' EARLIEST WHITE FORCING. Not only the earliest white radish, but the earliest of any color; pure white oblong and tender. Small tops, which permit close planting. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

370. SCARLET TURNIP WHITE TIP. A popular variety. Bright scarlet with distinct white tip. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 2 lbs. or more at 75c per lb.

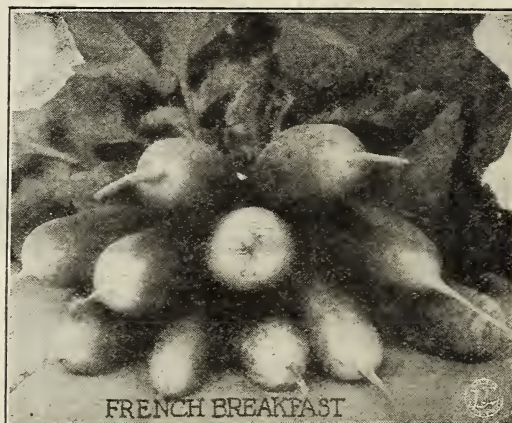
371. O L D S' EARLIEST SCARLET TURNIP. A splendid extra early, round bright red radish. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; 2 lbs. or more at 70c per lb.

378. OLDS' SNOWBALL. The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; 2 lbs. or more at 70c per lb.



370½. OLDS' BRIGHTEST WHITE TIP (SPARKLER). A bright scarlet white tipped radish—It is quite distinct in color and has a well defined clear white tip. It has a small top and is adapted for forcing. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00.

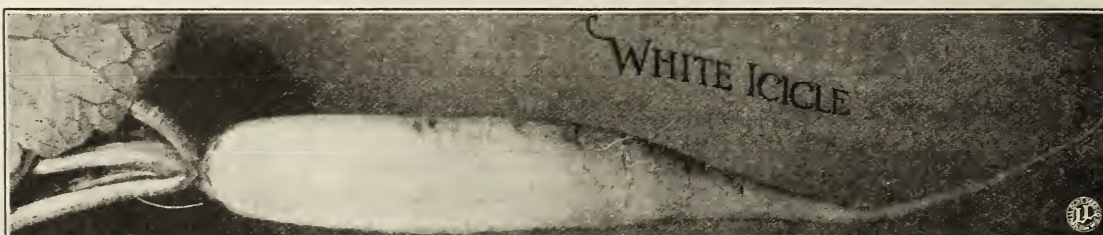
377½. GIANT BUTTER. A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.20.



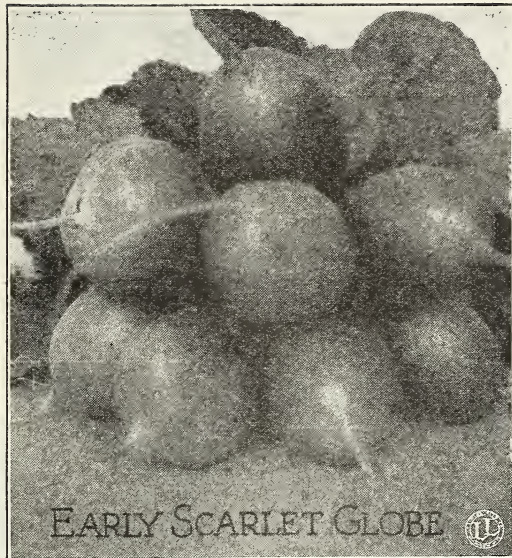
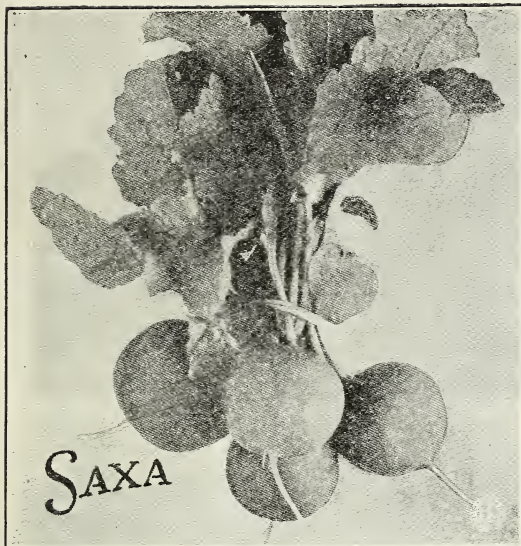
376. ★CRIMSON GIANT. A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

Olds' Radish Seed is grown from choice stock seed.

373. OLDS' IMPROVED FRENCH BREAKFAST. Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c.

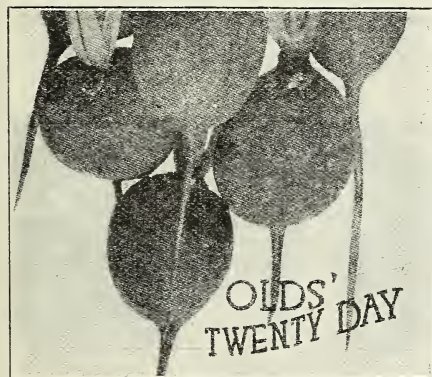


385. ★WHITE ICICLE. The finest pure white, long variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c.



375. SAXA. The earliest radish for forcing or outdoor culture. This radish is of a beautiful scarlet color, round, with a very small top and tap root—it is very early and has been placed on the dining table in three weeks from the time of sowing. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

377. EARLY SCARLET GLOBE. The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Fine for the home garden and on account of its earliness, appearance and quality, just right for the market gardener. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c.



374. OLDS' TWENTY DAY. Twenty Day is a rich, bright scarlet, olive shaped radish—see illustration opposite; pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 2 lbs. or more, per lb. 75c.

384. CINCINNATI MARKET. The finest long Red Radish in cultivation—see illustration; bright scarlet with small top. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c.



RADISH. Full List.

Half-pounds at pound rates. For larger quantities—see market gardeners, net price list.

By parcel post.

		pkt.	oz.	¼ lb.	lb.	5 lbs.
370.	SCARLET TURNIP WHITE TIP. A very popular variety.....	\$0.05	\$0.10	\$0.30	\$.85	
370½.	OLDS' BRIGHTEST WHITE TIP. (Sparkler). A distinct variety.....	.10	.20	.35	1.00	4.50
371.	★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety with small top, quick growth, mild and crisp, largely used for planting in the open ground.....	.05	.10	.30	.80	3.50
371½.	OLDS' RED GLOBE FORCING. The best for forcing, outdoors or in.....	.05	.10	.35	1.05	4.75
373.	★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp. Deep crimson, with white tips, well defined. Illustrated page 60.....	.05	.10	.30	.80	3.50
374.	OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender.....	.05	.10	.30	.85	3.75
375.	SAXA. The earliest radish for forcing or outdoor culture.....	.10	.20	.40	1.25	5.75
376.	★CRIMSON GIANT. Best large radish for first outdoor planting.....	.05	.10	.30	.85	3.75
377.	EARLY SCARLET GLOBE. Similar to Scarlet Turnip.....	.05	.10	.30	.80	3.50
377½.	GIANT BUTTER. A new early forcing variety.....	.10	.20	.35	1.20	5.50
378.	OLDS' SNOWBALL (White Box). The earliest white turnip-shaped.....	.05	.10	.30	.80	3.50
378½.	OLDS' EARLIEST WHITE FORCING. The earliest prize white radish.....	.10	.20	.50	1.50	
381.	WHITE STRASBURG. A summer radish; of large size.....	.05	.10	.30	.80	3.50
382.	BRIGHTEST LONG SCARLET. Handsome long red radish.....	.05	.10	.30	.80	3.50
383.	IMPROVED CHARTIER. Long crimson, tipped with white.....	.05	.10	.30	.80	3.50
384.	CINCINNATI MARKET. Early radish, with small tops—bright scarlet.....	.05	.10	.30	.80	3.50
385.	★WHITE ICICLE. The best long, pure white radish; crisp and tender.....	.05	.10	.30	.80	3.50
387.	EARLY LONG SCARLET. The standard long red radish.....	.05	.10	.30	.80	3.50
390.	NEW WHITE CHINESE. The best large white winter variety.....	.05	.10	.30	.80	3.50
391.	CHINA ROSE WINTER. Rose colored and a good keeper.....	.05	.10	.30	.80	3.50
392.	LONG BLACK SPANISH. Good keeper, black skin, white flesh.....	.05	.10	.30	.80	3.50
393.	MAMMOTH JAPANESE. A new distinct variety; very large.....	.10	.20	.35	1.20	5.50
394.	MIXED RADISH. Radishes the whole season.....	.05	.10	.25	.75	3.25

RHUBARB

Rhubarb, or Pie Plant is the earliest spring vegetable. It can be grown easily from seed in one season. The stalks should not be used until the plants have had a full season's growth.

395. **LARGE VICTORIA.** The most popular variety; comes true from seed. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c.

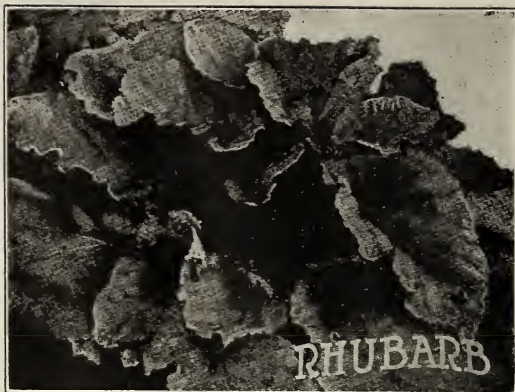
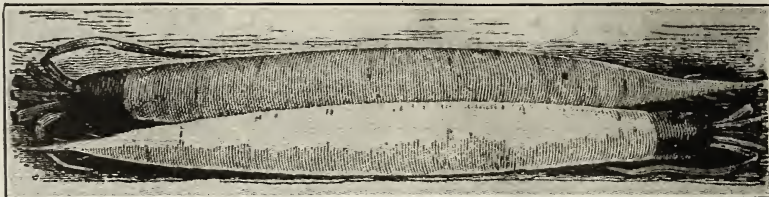
RHUBARB ROOTS. We can also supply good strong roots. Rhubarb Roots, 15c each; 3 for 35c; doz., \$1.00. Not postpaid: Doz., 85c, 100, \$6.00.

SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.

397. **★MAM. SANDWICH ISLAND.** Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35; 2 lbs. or more, 1.25 per lb. Not postpaid: 5 lbs., \$6.00.

398. **WISCONSIN GOLDEN.** A distinct variety, of Wisconsin origin. The roots have a yellow tinge and grow large and smooth; fine flavored and sweet. We recommend this variety—give it a trial. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.



SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is new crop and as low in price as first quality seed can be sold for. Our packets each contain seed sufficient for 12 to 15 feet of drill; 10 to 12 pounds will sow an acre in drills.



400. **ROUND LEAVED.** A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color—illustrated above. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 2 lbs. or more, 40c per lb.

402. **★BLOOMSDALE.** A great favorite; thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 2 lbs. or more, 45c per lb. Not postpaid: 5 lbs., \$2.00.

403. **★OLDS' LONG SEASON.** The best long season variety—withstands the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

402 $\frac{1}{2}$. **VICTORIA.** Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 2 lbs. or more, 50c per lb.

403 $\frac{1}{2}$. **NEW ZEALAND.** Both the leaves and the stalks of the plant are of the finest quality when cooked. For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

404. **PRICKLY OR WINTER.** For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 2 lbs. or more, 50c per lb.

404 $\frac{1}{2}$. **OLDS' MIXED** Spinach Seed will furnish greens all the season from one sowing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 2 lbs. or more, 40c per lb.

Fred B. Libbey, Grass Lake, Mich., March 20, 1921, writes: "Either myself or some member of my family orders seeds from your house every year. Can find none equal to them—and am very grateful for your prompt shipments and square methods of dealing."



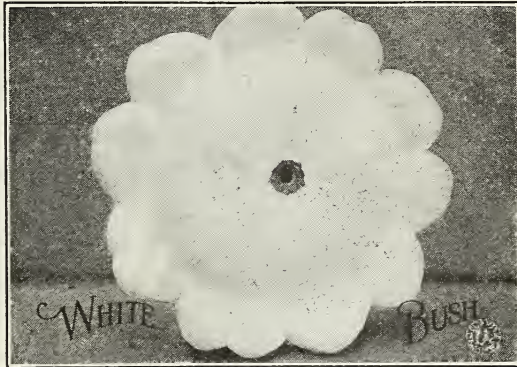
SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain seed sufficient for 6 or 8 hills; 3 to 4 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number. Remember we pay the postage, unless otherwise mentioned.

407. ★GIANT SUMMER CROOKNECK. The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 2 lbs. or more, \$1.65 per lb.



406. MAMMOTH YELLOW BUSH. The largest and most handsome bush squash—see illustration. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 2 lbs. or more, \$1.40 per lb.



405. ★MAMMOTH WHITE BUSH. A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance—see illustration. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 2 lbs. or more, \$1.30 per lb.

OUR FOUR HUBBARDS.

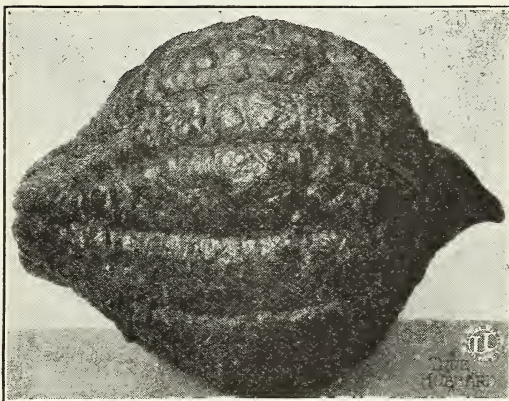
411. ★TRUE HUBBARD. The standard winter squash. Large olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

412. WARTED HUBBARD. Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.80; 2 lbs. or more, \$1.70 per lb.

413. GOLDEN HUBBARD. Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

418. BLUE HUBBARD. The Symmes Blue Hubbard is an entirely distinct variety; light blue in color, very dry when cooked and resembling the Warted Hubbard in shape; very productive. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

410. ★DELICIOUS. A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 10c; oz., 20c; ¼ lb., 55c.



408. FORDHOOK. Very productive, excellent for pies. This squash has so thin a skin that it need not be removed for cooking. Fruits small, oblong, about 8 to 10 inches in length; skin smooth, of light cream color. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

SQUASH. Full List.

Market gardeners' list (free on request), for larger quantities. ½ lb. at pound rates.

By parcel post.

	pkt.	oz.	¼ lb.	lb.
405. MAMMOTH WHITE BUSH. A true bush variety; large and good shaped.....	\$0.05	\$0.15	\$0.40	\$1.40
406. ★MAMMOTH YELLOW BUSH. The largest bush squash.....	.10	.20	.45	1.50
407. ★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.10	.20	.50	1.75
408. FORDHOOK. Very fine for pies. A good yielder and keeper.....	.10	.20	.45	1.50
410. ★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.....	.10	.20	.55	1.90
411. ★TRUE HUBBARD. The standard winter squash. See illustration.....	.10	.20	.50	1.75
412. WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.....	.10	.20	.50	1.80
413. GOLDEN HUBBARD. Bright orange-yellow; see above.....	.10	.20	.50	1.75
414. CHICAGO ORANGE MARROW. Best fall squash.....	.05	.15	.40	1.40
415. BOSTON MARROW. Good for both fall and winter use.....	.05	.15	.40	1.40
416. SIBLEY, or PIKE'S PEAK. A general favorite.....	.10	.20	.60	2.00
417. VEGETABLE MARROW. Popular English garden variety; smooth skin.....	.05	.15	.40	1.40
418. BLUE HUBBARD. A distinct variety, light blue in color, dry when cooked.....	.10	.25	.65	2.25
420. MAMMOTH CHILL. The largest of all squashes.....	.10	.20	.60	2.00
424. OLDS' MIXTURE. Squashes all the season with one sowing.....	.05	.15	.40	1.40

"OLDS' CATALOG TELLS THE TRUTH."

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 oz. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Order by number. We have prepared a leaflet on Tomato culture, free on request. Spray Tomatoes with Pyrox. See page 93.



425. **★SPARK'S EARLIANA.** No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 95c.

441. **THE HUMMER.** Livingston's 1907 Introduction. Round as a ball and smooth as an apple. The Hummer is bright scarlet in color, and very productive. The flesh is crimson-scarlet and of the finest quality. The fruit is very firm and solid, in fact, a rotten tomato is seldom found. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30.

428½. **EARLY DETROIT.** A new variety of great merit. It is a purple tomato; ripens early and continues in bearing for a long time with a heavy yield; fruits are large, smooth and of excellent quality. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20.



427½. **RED ROCK.** A new variety—one week earlier than Stone; round, smooth and bright red in color. The Red Rock is a heavy producer and fine shipper; excellent for the market and home gardener; also recommended to grow for canning factories. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.



427. **★NEW STONE.** The standard main crop variety; always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock seed. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.

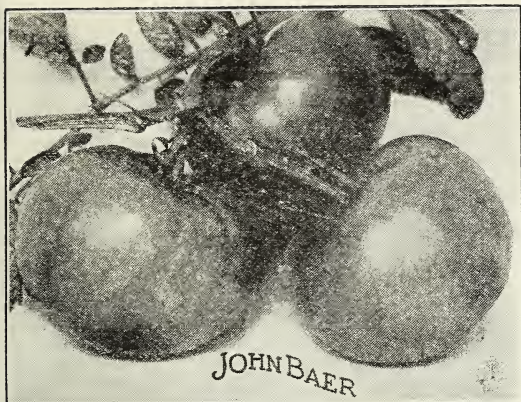
440. **★LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape, resembling a peach in form. On account of its shape, a great number of slices can be taken from each tomato. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds; it ripens evenly; with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.



434. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

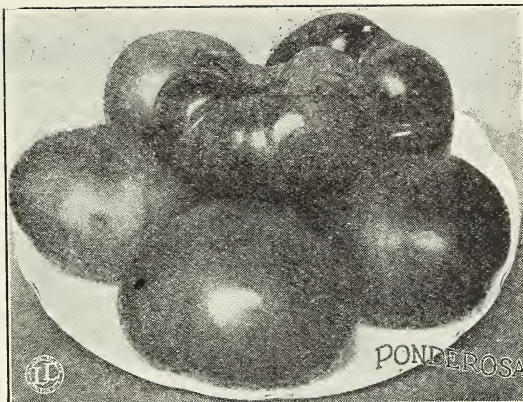
426. **★SUCCESS.** Just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.

444. **BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.



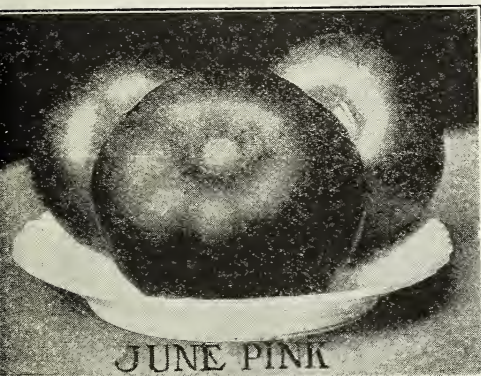
JOHN BAER

436½. **JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a much heavier crop. Tomatoes large, uniform in shape and bright red in color. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20.



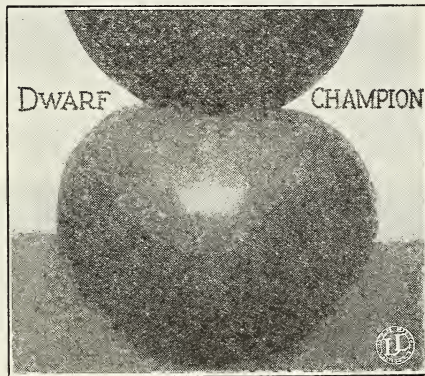
PONDEROSA

437. **PONDEROSA.** The Giant Tomato. Illustrated above. The Tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh and with small seed cells. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.60. Olds' Wisconsin Standard Collection. Back Cover page.



JUNE PINK

443. **JUNE PINK.** The earliest of all pink tomatoes. It is a good yielder, of high quality and runs very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., 95c.



DWARF

CHAMPION

439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; ½ oz., 20c; oz., 35c.

432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30.

TOMATOES. Complete List.

One pound of any variety at three and one-half times the price of ¼ lb.

By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
425. ★ SPARK'S EARLIANA. Very early, and remarkable for its large size.....	\$0.10	\$0.20	\$0.30	\$0.95
426. ★ SUCCESS. Just right for a second early.....	.05	.15	.25	.70
427. ★ NEW STONE. Best of all for main crop; large, smooth and solid.....	.05	.15	.25	.70
427½. RED ROCK. A new variety; round, smooth and bright red in color.....	.05	.15	.25	.75
428. FORDHOOK FIRST. A very satisfactory first early.....	.10	.20	.35	1.15
428½. EARLY DETROIT. A new variety of great merit.....	.10	.20	.35	1.20
429. ★ MATCHLESS. Produces large, red tomatoes the entire season.....	.05	.15	.25	.70
430. NEW DWARF STONE. A recent introduction; strong, upright vines.....	.10	.25	.40	1.30
431. TRUCKERS' FAVORITE. A large, purple tomato; very productive.....	.10	.20	.35	1.10
432. DWARF CHAMPION. A popular dwarf variety.....	.10	.25	.40	1.30
434. CHALK'S EARLY JEWEL. One of the largest and finest.....	.10	.20	.30	1.00
436. EARLY ACME. The standard bright pink tomato.....	.10	.20	.30	.95
436½. JOHN BAER. The most profitable cropper of any of the extra early varieties.....	.10	.20	.35	1.20
437. PONDEROSA (Henderson's). The largest of all.....	.10	.30	.50	1.75
438. ★ ENORMOUS. The largest and smoothest tomato grown.....	.10	.30	.50	1.20
439. OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow.....	.10	.25	.35	1.20
439½. OLDS' PINK BEAUTY. The best midseason pink variety.....	.10	.25	.35	1.25
440. ★ OLDS' NEW GLOBE. Livingston's 1905 Introduction.....	.10	.25	.40	1.30
441. THE HUMMER. Livingston's 1907 Introduction.....	.10	.25	.45	1.60
442. NEW CORELESS. Livingston's 1908 Introduction.....	.10	.25	.45	1.60
442½. MANYFOLD. Livingston's 1917 Introduction.....	.10	.25	.40	1.30
443. JUNE PINK. The earliest of all pink tomatoes. Illustrated above.....	.10	.20	.35	.95
444. BONNY BEST. A fine early home variety.....	.10	.20	.30	1.00
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum;				
447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; each.....	.10	.25	.45	1.65
450. SMALL FRUITED VARIETIES MIXED. Red, pink and yellow.....	.10	.25	.45	1.60
451. LARGE FRUITED VARIETIES MIXED. Tomatoes all season.....	.10	.20	.35	1.20
455. STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Plants, page 83.....	.10	.25	.45	1.65

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Earliana, very early; Chalk's Jewel, second early, smooth and solid; Matchless, best for main crop; Ponderosa, largest and sweetest; Small Yellow Pear. Doz., 35c; 50 for \$1.10. Postpaid.

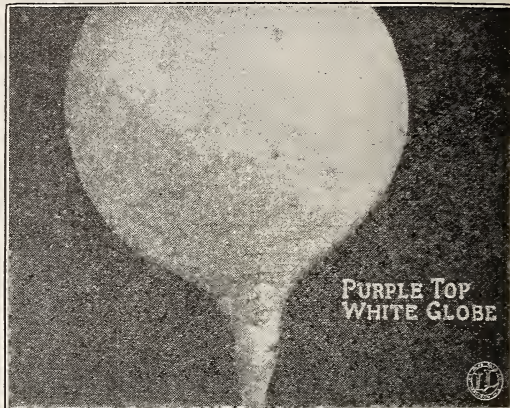
TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains seed sufficient to sow 50 feet or more: 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on proper culture, free on request.



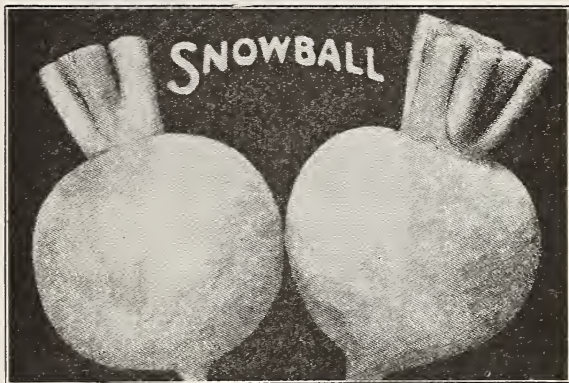
PURPLE TOP
STRAP LEAF

460. ★OLDS' PURPLE TOP STRAP LEAF. The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 2 lbs. or more, 55c per lb.



PURPLE TOP
WHITE GLOBE

465. ★OLDS' PURPLE TOP WHITE GLOBE. Very attractive in appearance; a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 2 lbs. or more 55c per lb.



SNOWBALL

466. ★OLDS' SNOWBALL. The most suitable white turnip for table use. (Illustrated above.) Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

470. OLDS' HEAVY CROPPER. Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

461. ★EXTRA EARLY PURPLE TOP MILAN. A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top; illustrated opposite. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 60c; lb., \$1.90. 2 lbs. or more, \$1.80 per lb.

464. WHITE EGG. A quick grower, egg-shaped, of high quality and always sweet, crisp and solid; entirely without rank or bitter flavor, even when growing conditions are unfavorable. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

We aim to please and to fill all orders carefully. If seeds are not satisfactory, when received, write us about it at once. We will either refill the order, or return the money paid for same.

"OLDS' CATALOG TELLS THE TRUTH."



GOLDEN BALL

471. OLDS' GOLDEN BALL. The best yellow turnip for table use; fine shaped bulbs, medium in size, almost round, very smooth, and quite free from side roots; yellow flesh, firm and crisp. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c.

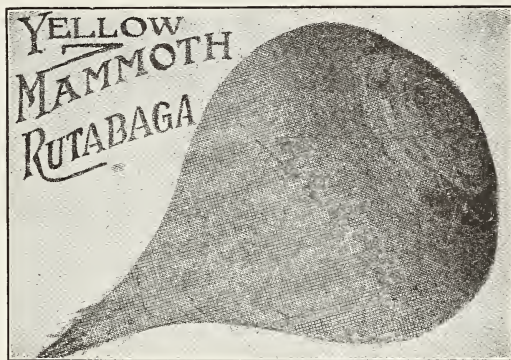


PURPLE TOP
MILAN



475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 2 lbs. or more, 60c per lb. Not postpaid: 5 lbs., \$2.75.

476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 2 lbs. or more, 65c per lb. Not postpaid: 5 lbs., \$3.00.



REMEMBER. We pay the postage on all seeds by the packet, ounce, quarter-pound and five pounds in weight, unless otherwise noted.



479. OLDS' GOLDEN HEART RUTABAGA. A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table, or for feeding stock." Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., \$1.00; 2 lbs. or more, 90c per lb. Not postpaid: 5 lbs., \$4.25.

TURNIP AND RUTABAGA. Full List.

For larger quantities see our market gardeners' net price list—free on request.

		By Parcel Post				
		pkt.	oz.	¼ lb	lb.	5 lbs.
460.	★PURPLE TOP STRAP LEAF TURNIP. A well-known standard variety.....	\$0 .05	\$0.10	\$0.25	\$0.65	\$2.75
461.	★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.10	.20	.60	1.90	9.00
462.	★EARLY WHITE MILAN. A rapid grower and very handsome.....	.10	.20	.45	1.40	6.50
463.	★WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower.....	.05	.10	.25	.70	3.00
464.	★WHITE EGG. A quick grower, egg-shaped, smooth, with small top.....	.05	.10	.25	.70	3.00
465.	★PURPLE TOP WHITE GLOBE TURNIP. An early variety, globe-shaped.....	.05	.10	.25	.65	2.75
466.	★SNOWBALL. Best white turnip for table use.....	.05	.10	.25	.65	3.25
467.	★COW HORN. Grows large; fine for fall or winter.....	.05	.10	.25	.75	3.25
470.	★OLDS' HEAVY CROPPER. Round, yellow and very productive.....	.05	.10	.25	.70	3.00
471.	★GOLDEN BALL. The best yellow turnip for table use.....	.05	.10	.25	.75	3.25
472.	★YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.10	.25	.70	3.00
473.	★JAPANESE. A new variety from Japan. Best Japanese grown seed.....	.05	.10	.30	1.00	4.50
474.	★MIXED. Purple, white and yellow turnips all summer.....	.05	.10	.25	.65	2.75
475.	★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard.....	.05	.10	.25	.70	3.00
476.	★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape and quality.....	.05	.10	.25	.75	3.25
477.	★NEW NECKLESS RUTABAGA. Globe shaped; yellow flesh.....	.05	.10	.25	.80	3.50
478.	★OLDS' LARGE WHITE RUTABAGA. Skin white; flesh white and sweet.....	.05	.10	.25	.80	3.50
479.	★OLDS' GOLDEN HEART RUTABAGA. Fine grained, mild and sweet.....	.05	.10	.30	1.00	4.50
479½.	★MIXED RUTABAGAS. A fine assortment of yellow and white rutabagas.....	.05	.10	.25	.70	3.00

TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain ¼ oz. of seed; one ounce of seed will produce plants enough for an acre of tobacco.

500. COMSTOCK'S SPANISH. The favorite variety in Wisconsin. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$6.75.

501. CONNECTICUT SEED LEAF. Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15; lb., \$4.25.

502. IMPROVED WHITE BURLEY. An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.50



HERBS.

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

480. Anise	Pkt. 5c, oz. 20c, ¼ lb. 40c	490. Rosemary	Pkt. 10c, oz. 70c, ¼ lb. 2.60
481. Balm	Pkt. 10c, oz. 35c, ¼ lb. 1.10	492. Sage	Pkt. 10c, oz. 55c, ¼ lb. 2.00
483. Caraway	Pkt. 5c, oz. 15c, ¼ lb. 35c	493. Summer Savory	Pkt. 10c, oz. 40c, ¼ lb. 1.35
485. Dill	Pkt. 5c, oz. 15c, ¼ lb. 35c	494. Winter Savory	Pkt. 10c, oz. 60c, ¼ lb. 2.10
486. Fennel, Sweet	Pkt. 5c, oz. 20c, ¼ lb. 45c	496. Thyme	Pkt. 10c, oz. 75c, ¼ lb. 2.60
487. Horehound	Pkt. 10c, oz. 35c, ¼ lb. 1.10	498. Wormwood	Pkt. 10c, oz. 35c, ¼ lb. 1.10
488. Lavender	Pkt. 10c, oz. 60c, ¼ lb. 2.10	499. Mixed (all the above) Pkt. 5c, oz. 35c, ¼ lb. 1.20	
489. Marjoran, Sweet	Pkt. 10c, oz. 40c, ¼ lb. 1.35		

Good crops can be grown only from good seeds. See back cover page for Olds' Dollar Collection.

ROSES AND OTHER CHOICE PLANTS listed on pages 82, 83, 84, 85.



OLDS' FLOWERS

Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

Customers may select one packet each, of any two varieties of flower seed listed at 15 cents per packet for 25 cents, or may send \$1.50 for \$2.00 worth of packets; \$2.00 for \$3.00 worth; \$2.50 for \$4.00 worth, but remember this offer applies to packets of flower seed only.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 15c; 2 pkts., 25c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact. Pkt., 5c.

833. Saxatile. H. P. Compact growth, producing a mass of golden yellow flowers; for border and rockeries. Pkt., 10c; 2 pkts., 15c.

AMARANTHUS. A very strong and rapid grower.

835. Splendens. H. H. A. Finest mixed. Pkt., 5c.

ANCHUSA. Vigorous, hardy plants. H. P.

836. Dropmore. Clear, bright blue flowers. Pkt., 15c.

ANTIRRHINUM PLANTS. Dwarf Mixed Snapdragon. Valuable for bedding or for cutting. Doz., 35c; 50 for \$1.10.

840. Dwarf Mixed. Compact. Pkt., 10c; 2 pkts., 15c.

841. Giant Fragrant. Mixed. Large, double fragrant flowers. Pkt., 10c; 2 pkts., 15c.

842. Snowflake. Pure white. Pkt., 15c; 2 pkts., 25c.

843. Pink Beauty. Rose-colored flowers. Pkt., 15c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

AQUILEGIA (Columbine). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 10c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any time.

850. Plumosus Nanus. Pkt., 15c; 2 pkts., 25c.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM. One of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camellia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 10c; 2 pkts., 15c.

BEGONIAS. Choice flowering plants.

862. Single Mixed. Easily grown from seed. Pkt., 10c.

CALENDULA (Pot Marigold). Profuse bloomers.

865. Double Mixed. Fine shades. Pkt., 5c.

866. Orange King. Color, glowing orange. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers.

870. Fine Mixed. Many colors. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 5c.

873. Golden. The true wild California Poppy; selected for the largest flowers and deepest orange colors. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

875. Fine Mixed. H. A. Fine for cut flowers. Pkt., 5c.

877. Lanceolata. H. P. Golden yellow. Pkt., 10c.

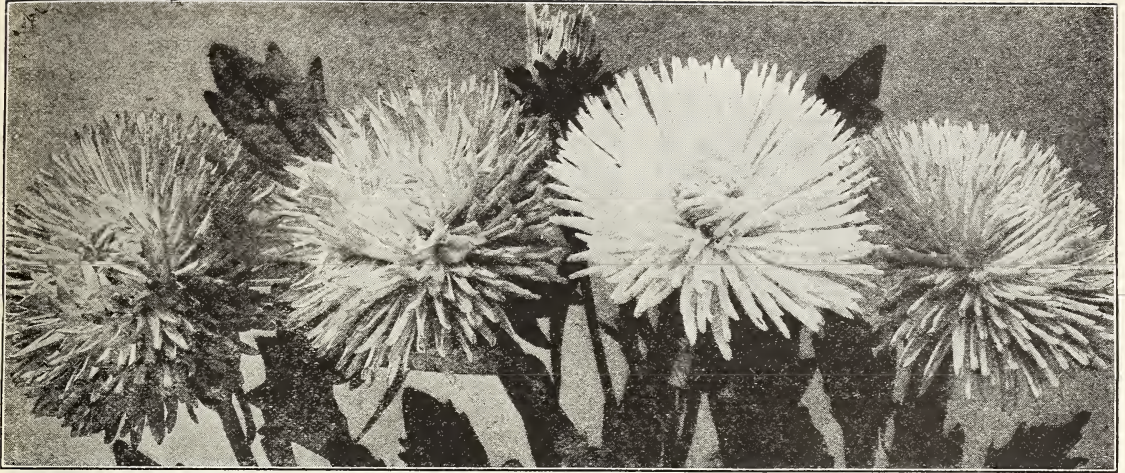
CANARY BIRD FLOWER. One of the most desirable

climbers producing yellow-fringe flowers. H. H. A.

880. Tropaeolum Canariense. Pkt., 10c; 2 pkts., 15c.

CANNA, Large Flowering French. A new and distinct class producing very large flowers.

890. Crozy's Best Mixed. Soak the seed twelve hours in warm water before sowing. Pkt., 5c.



ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture.

800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. See illustration above. Pkt., 10c; oz., \$2.00

800½. Royal Mixed (Early Flowering). A new class of American Aster. Very large double flowers with distinctly incurved shell-shaped petals. Earlier than most other varieties and remaining longer in bloom. Plants about two feet high branching freely. Pkt., 15c; 2 pkts., 25c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

802½. OLDS' GIANT BRANCHING (Mixed). The finest of all Asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy peony-like flowers on long, strong, slender stems. Pkt., 10c.

804½. Giant White (Branching). The best white Aster. Pure white flowers, four inches in diameter. Pkt., 10c.

805½. Giant Shell Pink (Branching). The best clear light pink. Large flowers, graceful in form. Pkt., 10c.

806½. Giant Rose (Branching). Deep rose-pink. Pkt., 10c; 2 pkts., 15c.

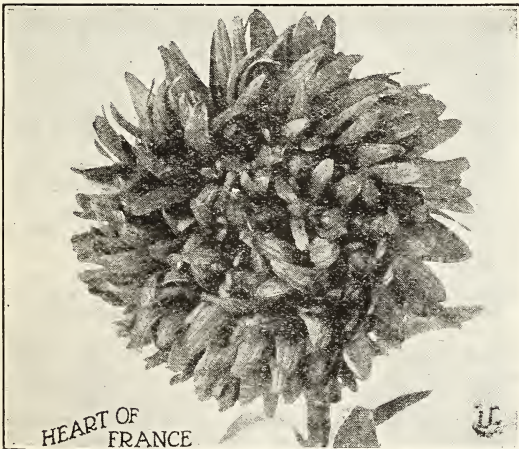
807½. Giant Crimson (Branching). Dark ruby-red. Pkt., 10c; 2 pkts., 15c.

808½. Giant Blue (Branching). Almost a pure lavender shade, approaching an azure blue. Pkt., 10c; 2 pkts., 15c.

809½. Giant Purple (Branching). A rich violet or purple. One of the best dark shaded varieties. Pkt., 10c.

803½. Sensation. This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 15c; 2 pkts., 25c.

805. Heart of France. The best pure red Aster ever introduced—illustrated below; flowers large and full; plants branching in type and robust in habit. Pkt., 15c.



806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 10c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 10c; 2 pkts., 15c.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright stems. Pkt., 10c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 15c.

811½. Pink King. Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown. Pkt., 15c.

812. Alice Roosevelt. Large yellow flowers changing to flesh color. Pkt., 10c; 2 pkts., 15c.

812½. Silver Rose. A robust, long stemmed, large flowering new variety. Ashes of Roses exactly describes the color of this new aster. Pkt., 15c; 2 pkts., 25c.

813. Violet King. Handsome, violet-colored. Pkt., 15c.

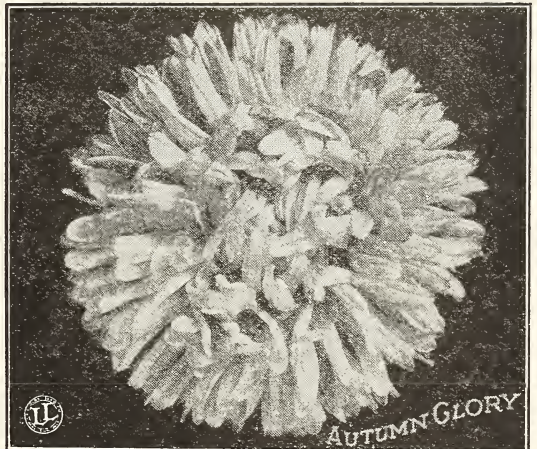
815½. Royal Purple. Early flowering. Pkt., 15c.

816½. Pink Enchantress. A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink. Pkt., 10c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, lavender pink flowers. Pkt., 10c.

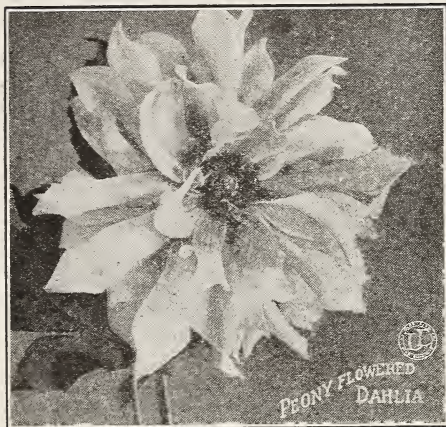
819½. Autumn Glory. A beautiful shell pink late branching variety—illustrated below. The Autumn Glory comes uniformly true to color and type. Flowers are double, borne on long stems. Pkt., 15c; 2 pkts., 25c.

ASTER PLANTS. Our plants are grown by a specialist at Turville Flower Farm, and are well rooted, sturdy, transplanted stock. We can furnish Early Flowered Royal, for bedding, and Giant Branching, for cut flowers, in mixed colors, only. Doz., 35c; 50 for \$1.10; 250 for \$1.50, postpaid.





COSMOS—DOUBLE CROWNED AND CRESTED. Pkt., 15c.



DAISIES.

One of the most charming early spring flowers; very easily raised from seed.

- 940. Fine Mixed. All colors. Pkt., 5c.
- 941. New Snowball. Very large and double. Pkt., 10c.
- 943. Delicata. White, tinged with rose. Pkt., 10c.
- 943½. Arctotis. The Blue-eyed Daisy. Pkt., 5c.
- 944. Shasta. Large graceful flowers. Pkt., 10c.
- 944½. Golden Orange. Page 71. A new annual for the summer garden. Golden-orange colored flowers. Pkt. 5c.

CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings.

- 885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture. Pkt., 5c.

- 886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Pkt., 5c.

- CANNA. (890). Crozy's Best Mixed. Pkt., 5c. Page 68.

- CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers. B.

- 895. Mixed. Best single and double varieties. Pkt., 10c.

- 896. Cup and Saucer. Mixed colors. Pkt., 10c.

- CARDINAL CLIMBER. Very beautiful and most desirable. H. A.
- 898. Bright Red. Considered the most beautiful climber ever introduced. It is a strong rapid grower, producing flowers borne in clusters. Packet, containing about 20 seeds, 10c; 2 pkts., 15c.

- CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

- 900. Marguerite, Mixed. New Giant; producing large flowers of fine form—illustrated above. Pkt., 10c; 2 pkts., 15c.

- 901. Yellow Marguerite. Double, fragrant, fringed flowers. Pkt., 15c; 2 pkts., 25c.

- CELOSIA (Cockscomb). Plume-shaped flowers.

- 905. Ostrich Plume. Curled crimson flowers. Pkt., 5c.

- 906. Empress. The old fashioned crimson, crested cockscomb, with maroon colored leaves. Pkt., 10c; 2 pkts., 15c.

- CENTAUREA. Profuse bloomers, suitable for bouquets. H. A.

- 911. Imperialis. A new, sweet-scented Centaurea. Pkt., 10c.

- 912. Americana. Large purple flowers. Pkt., 10c.

CHRYSANTHEMUM.

Blooming continually all summer; suitable for pot culture. H. A.

- 915. Mixed. Single and double. Pkt., 5c.

- 916. Snowball. Large, perfect, pure white flowers. Pkt., 5c.

- 917. Dwarf Golden Gem. Compact. Pkt., 5c.

- COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

- 920. Purple. Bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

- 925. Giant-Flowered Mixed. Pkt., 5c.

- 925½. Double Mixed. Double crowned and crested. Double crested centers edged with row of single flat petals—illustrated above. Pkt., 15c; 2 pkts., 25c.

- 926½. Extra Early Colossal. The best extra early, large flowering cosmos. Long stems; fine for cutting. Crimson, pink and white shades, mixed. Pkt., 5c.

- 927. Lady Lenox. Giant-flowered pink variety. Pkt., 5c.

- 928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

- CYPRESS VINE. A very beautiful climber.

- 930. Mixed. Rose, scarlet and white. Pkt., 10c; 2 pkts., 15c.

- CYCLAMEN. A beautiful pot plant, flowering from seed.

- 933. Giant Flowered. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

From Seed; blooming the first season. H. H. P. Dahlia Bulbs, pages 80, 81 and 82.

- 935. Double Mixed. Large flowering. Pkt., 10c.

- 936. Superb Single. Mixed colors. Pkt., 5c.

- 937. Double Peony Flowered. Large flowers from seed. See illustration above. Pkt., 10c; 2 pkts., 15c.



DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. Illustrated above. H. B.

- 950. Double Chinese. Extra choice. Pkt., 10c.
- 951. Single Chinese. Extra fine. Pkt., 5c.
- 952. Imperialis fl. pl. Mixed colors. Pkt., 5c.
- 955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 10c; 2 pkts., 15c.
- 956. New Japanese Pink. A new variety producing very large flowers; laced and fringed. Pkt., 10c.
- 957. Plumarius. Clove Pink. H. P. Pkt., 10c.
- DIGITALIS** (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.
- 958. Gloxiniaeflora Mixed. All colors. Pkt., 5c.
- DOLICHOS** (Hyalanth Bean). A rapid climber.
- 960. Mixed. Very striking. Pkt., 5c.
- EVERLASTINGS** (Straw Flower). Much prized for winter decoration. If carefully cut when partially open and dried head downward, in a cool place—they will retain their brilliant colors, almost indefinitely.

- 965. Helichrysum Mixed. Red, orange, etc. Pkt., 10c.
- 966. Statice. Blue sea lavender. Pkt., 10c; 2 pkts., 15c.
- 967. Acroclinium Mixed. White, pink, etc. Pkt., 10c.

One packet each of the above three varieties. 25c.

PLANTS. Our plants are grown by Turville Flower Farm, one of the largest commercial growers of straw-flowers in the country. Helichrysum Mixed. The Everlasting or Straw Flower. Doz., 35c; 50 for \$1.10, postpaid.

FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

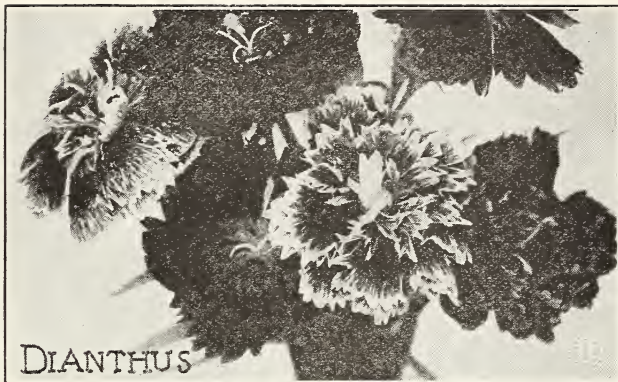
- 970. Mixed. Many colors. Pkt., 10c; 2 pkts., 15c.
- FOUR O'CLOCK** (Marvel of Peru). H. A.
- 975. Fine Mixed. Pkt., 5c.
- FUCHSIA** (from seed). A well-known plant.
- 980. Double Mixed. Pkt., 15c; 2 pkts., 25c.
- GAILLARDIA** (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.
- 985. Double Mixed. Round as a ball. Pkt., 5c.
- 986. Hardy Mixed. H. P. Bright colored flowers, in shades of crimson, scarlet and orange. Almost ever-blooming. Pkt., 10c.

GERANIUMS. From Seed. Blooming plants can be grown, from seed the first year.

- 987. Single Mixed. Large flowering. Pkt., 10c.
- GOETIA.** Constant bloomers, very attractive, and well adapted to any soil.
- 990. Finest Mixed. Sure to please. Pkt., 5c.
- GYPSPHILA.** Valuable for mixing with other cut flowers.
- 994. Elegans. Pink and white sprays. Pkt., 5c.

GOURDS.

- Ornamental. Also useful as well as ornamental. T. A. See page 55 for other useful sorts.
- 995. Mixed. Many sorts. Pkt., 5c.
- 996. Chinese Bottle. Useful and ornamental. Pkt., 5c.
- 997. Genuine Pipe. Comes true to name. Pkt., 5c.
- HEBISCUS.** A perennial; blooms the first year.
- 998. New Giant-flowering. Enormous flowers, 10 to 12 inches in diameter; colors, rich dark red, soft mallow-pink and pure white. Pkt., 5c.



HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

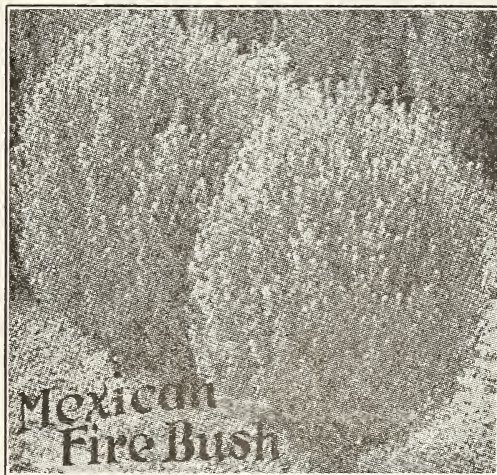
1000. Choice Mixed. Pkt., over 500 seeds, 10c.

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer.

1005. Double Mixed. Producing the largest flowers. Pkt., 10c; 2 pkts., 15c.

HUMULUS (Japanese Hop). A rapid growing climber. 1010. Japonicus. Withstands heat, drought and insects. Pkt. of 50 seeds, pkt., 10c; 2 pkts., 15c.

ICE PLANT. 1012. Dwarf-trailing annual plants, with ornamental ice-like foliage; white flowers. Pkt., 5c.



KOCHIA. (Mexican Fire Bush). One of the most beautiful hedge plants ever introduced. See illustration. H. A.

1013. A rapid grower, producing globe-shaped bushes of finely cut green leaves and stems, which in the early fall change in color to a rich carmine. Pkt., 5c.

LARKSPUR. Tall Rocket. One of the best known of our garden flowers.

- 1015. Fine Mixed. Best annual varieties. Pkt., 5c.
- 1017. Belladonna. Blue Hybrids. H. P. Pkt., 20c.
- LATHYRUS** (Everlasting Peas). Attractive. H. P.
- 1020. Latifolius Mixed. Pkt., 10c; 2 pkts., 15c.
- LOBELIA** (Cardinal Flower). For edgings.
- 1025. Mixed. Dwarf varieties. Pkt., 10c.
- MARIGOLD.** Very effective for beds or borders.
- 1030. Mixed. Dwarf French. Pkt., 5c.
- 1031. Lemon Queen. Lemon colored. Pkt., 10c.

MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

- 1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

- 1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 5c.

- 1038. Giant Defiance. The largest flowered and most fragrant variety grown. Pkt., 10c; 2 pkts., 15c.

MOONFLOWER (Ipomoea Noctiflora).

- 1041. White. Ivy leaved. Pure white. Pkt., 15c.
- 1042. Pink. Ivy leaved. Rosy pink. Pkt., 10c.



DWARF NASTURTIIUMS.



Dwarf or Tom Thumb Varieties are unrivaled in beauty. They are well adapted to poor soil.

1050. Dwarf Mixed. All choice colors. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.
 1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 15c; ¼ lb., 40c.
 1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 20c; ¼ lb., 45c.
 1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 20c; ¼ lb., 45c.
 1054. Dwarf Fireball. A new distinct variety, with deep orange-scarlet flowers. Pkt., 5c; oz., 20c; ½ lb., 50c.
 1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt., 10c; 2 pkts., 15c.
 1056. Dwarf Silver Queen. A new variety sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated (illustrated opposite) and gives a very pleasing effect: cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 10c; 2 pkts., 15c; oz., 35c.

TALL NASTURTIIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, or can be grown without support. No flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.
 1061. Scarlet Beauty. Variegated-leaved. Pkt., 10c. 2 pkts., 15c; oz., 30c; ¼ lb., 85c.
 1063. Ivy Leaved. A new, distinct variety; ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 95c.
 1065. Lobbs' Mixed. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

HARDY PLANTS FROM SEED.

Collection Offer. Hardy perennials are among the most satisfactory of flowering plants. Once established, you look for their coming each spring and like old friends they greet you year after year. Easily grown from seed.

For 75 cents we will send one packet each, of the following, amounting at regular price to 90c.

- | | | | |
|-----------------------|-----|--------------------------|-----|
| 833. Alyssum Sax ... | .10 | 957. Clove Pinks. ... | .10 |
| 845. Aguelegia | .10 | 1005. Double Hollyhock. | .10 |
| 877. Coreopsis | .10 | 1017. Delphinium | .20 |
| 944. Shasta Daisy ... | .10 | 1128½. Oriental Poppy... | .10 |

MORNING GLORIES.

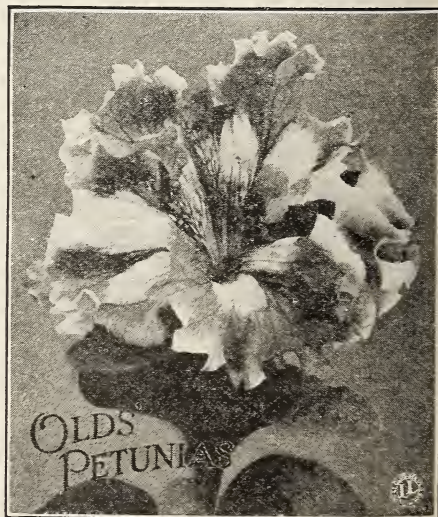
The Finest Annual Climbers in Existence.

1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 25c; ¼ lb., 85c.
 1046. Dwarf Mixed. Pkt., 5c; oz., 20c.
 1047. Tall Mixed. A rapid climber. Pkt., 5c; oz., 15c.
NICOTIANA. Bushy plants laden with bright red flowers.
 1070. Sanderae. Hardy Annual. Pkt., 10c; 2 pkts., 15c.
PANSIES. Giant Prize and other varieties, page 73.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. A.

1100. **OLDS' FINEST MIXED.** Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.
 1102. **Choice Mixed.** A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.
 1103. **Rosy Morn.** Dwarf bushy plants, blooming freely all summer and fall, clear pink flowers, with a white throat. Pkt., 15c.
 1105. **Snowball.** Pure satiny white flowers, suitable for edgings. Pkt., 10c; 2 pkts., 15c.
 1106. **Giant Excelsior.** A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 20c; 2 pkts., 35c.
 1109. **Double Mixed.** Very handsome large flowers. Pkt. (30 seeds), 25c; 2 pkts., 45c.
PETUNIA PLANTS. Giant Ruffled Mixed. Best for bedding or garden growing. Rosy Morn. Bright pink, free flowering. Best for window boxes. Either variety: Doz., 35c; 50 for \$1.10, postpaid.





OLDS' GIANT PRIZE PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.

1075. **OLDS' GIANT PRIZE MIXED.** This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1077. **OLDS' LARGE FLOWERING.** A superb mixture, producing large flowers, of a great variety of charming colors—the best old German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. **OLDS' ROYAL MIXED.** A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkt., 15c; 2 pkts., 25c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. **GIANT TRIMARDEAU MIXED.** Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 10c; 2 pkts., 15c.

1080. **MASTERPIECE.** A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 15c; 2 pkts., 25c.

1083½. **MARCH FLOWERING.** These pansies are very desirable, owing to the extreme hardiness of the plants and their early flowering habit. The plants will winter in the open ground, with slight protection; flowering early and in great profusion. Pkt., 15c; 2 pkts., 25c.

1084. **APPLE BLOSSOM.** Orchid Flowered. A distinct large flowering variety, with perfectly formed delicate pink apple-blossom flowers. Pkt., 20c; 2 pkts., 35c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance.

1087. **GOLDEN GEM.** Golden yellow, without black center. Pkt., 10c; 2 pkts., 15c.

1088. **SUNSHINE.** Striped and mottled. Pkt., 10c; 2 pkts., 15c.

1090. **PRESIDENT MCKINLEY.** Very effective. Black, bordered with yellow. Pkt., 10c; 2 pkts., 15c.

1091. **GIANT PURE WHITE.** Large, pure white flowers, without blotches. Pkt., 10c; 2 pkts., 15c.

1092. **BLACK PRINCE.** Giant jet black flowers. Pkt., 10c.

1094. **VICTORIA.** Deep claret. The finest large flowered red variety grown. Pkt., 10c; 2 pkts., 15c.

1095. **AZURE BLUE.** A beautiful shade of sky blue. Very effective. Pkt., 10c; 2 pkts., 15c.

One pkt. each, of the above seven varieties White House Pansies, 55c; 2 pkts. of each, \$1.00.

PANSY PLANTS. Grown from seed produced by named exhibition flowers—many of them waved and showing a wonderful range of colors. Strong well rooted plants, ready to bloom. Doz., 60c; 50 for \$2.15, postpaid.

PETUNIAS. The people's flower. See page 72.

PHLOX DRUMMONDII.

1110. **OLDS' FINEST MIXED.** Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 3 pkts., 15c.

1112. **Drummondii Fine Mixed.** Pkt., 5c.

1113. **New Dwarf Cicily.** Large red and purple flowers, with a distinct white eye. Pkt., 10c; 2 pkts., 15c.

1113½. **Coccinea.** Fiery scarlet. Pkt., 10c; 2 pkts., 15c.

1114. **Starred and Fringed.** A distinct variety; star-like flowers. Pkt., 10c; 2 pkts., 15c.

1116. **New Yellow.** Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

1117. **Snowball.** Flowers pure white; resembling snowballs. Pkt., 10c; 2 pkts., 15c.

HOUSE PLANTS FROM SEED.

Collection Offer. Six of the finest sorts, all easily grown from seed. The work is interesting and fascinating. Each seedling plant will be an entirely new variety and each packet of seed will produce many plants. Full directions enclosed.

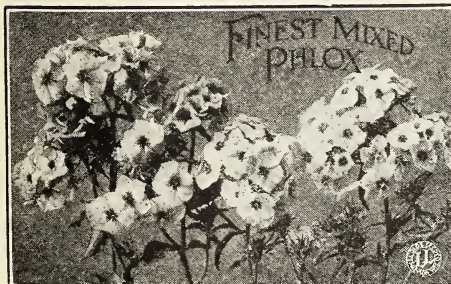
For 75c we will send one packet each of the following, amounting at regular prices to 85c.

933. Giant Cyclamen. 10 987. Single Geranium. 15

862. Flowering Begonias. 10 1139. Chinese Primrose. 25

980. Double Fuchsia. 15 1142. Rosa Multiflora. 10

Where food will not grow, grow flowers. Don't plow up the lawn.





Primula-Obconica Grandiflora. Pkt., 25c.



1120. Olds' Finest Mixed. Pkt., 5c.



POPPIES.

- Great favorites with everybody—greatly improved varieties.
1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.
1121. Improved Carnation. Double mixed. Pkt., 5c.
1122. Reselected Shirley. Compact. Pkt., 5c.
1123. White Swan. Double white; very effective. Pkt., 5c.
- 1124½. Fairy Blush. Giant feather ball flowers. Shaded cream rose. Pkt., 10c; 2 pkts., 15c.
1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet. Pkt., 5c.
- 1126½. Flanders. World War Memorial Flower. Pkt., 10c.
- 1127½. Eldorado. A novelty; entirely distinct from the old line of poppies. Large semi-double, salmon colored flowers. Beautiful in form and color. Large pkt., 10c; 2 pkts., 15c.
1128. Iceland Mixed. Beautiful and fragrant. Pkt., 10c.
- 1128½. Red Oriental. H. P. A very striking color. Very few flowers have the gorgeous coloring of the Oriental Poppy—see illustration opposite. Pkt., 10c; 2 pkts., 15c.
- 1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.

PORTULACA. Unrivalled for beauty. H. A.

1130. Double Flowering. A fine assortment. Pkt., 10c.

1131. Single Mixed. All colors. Pkt., 5c.

PRIMULA. Chinese Primrose.

Easily grown from seed. Sow early and transplant.

1135. Large Flowering. Mixed. Pkt., 25c; 2 pkts., 45c.

1138. Giant White. Best white. Pkt., 25c; 2 pkts., 45c.

1139. Obconica. Grandiflora mixed. Illustrated above. Pkt., 25c.

RICINUS (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

1140. Mixed. 6 to 15 ft. high. Pkt., 5c.

ROSES FROM SEED. Will bloom in sixty days.

1142. Rosa Multiflora. Hardy, dwarf flowered roses for garden planting or pot culture. All colors mixed. Pkt., 10c; 2 pkts., 15c.

SALPIGLOSSIS (Velvet Flower). A great favorite. H. H. A.

1145. Fine Mixed. Very ornamental. Pkt., 10c; 2 pkts., 15c.

SALVIA SPLENDENS.

Flowering Sage. A very popular. H. H. P.

1150. Scarlet Sage. Brilliant flowers. Pkt., 10c; 2 pkts., 15c.

1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 20c; 2 pkts., 35c.

1152. Patens. Bright blue flowers. Pkt., 25c; 2 pkts., 45c.

1154. Ostrich Plume. A splendid new variety covered with gorgeous plumes of the brightest color. Pkt., 25c; 2 pkts., 45c.

SALVIA PLANTS. We can furnish Scarlet Sage Plants. Brilliant scarlet flowers; fine for bedding or pot culture—satisfactory for cutting. These plants usually carry well by mail. Doz., 35c; 50 for \$1.10, postpaid.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

1155. Double Mixed. Large flowering. Pkt., 5c.

SCHIZANTHUS (Butterfly Flower). H. A.

1160. Mixed. Very picturesque. Pkt., 5c.

SENSITIVE PLANT (Mimosa Pudica). Curious plants. H. A.

1163. Leaves close and droop at the slightest touch; pinkish-white flowers. Pkt., 5c.

SMILAX. The finest thing out. T. A.

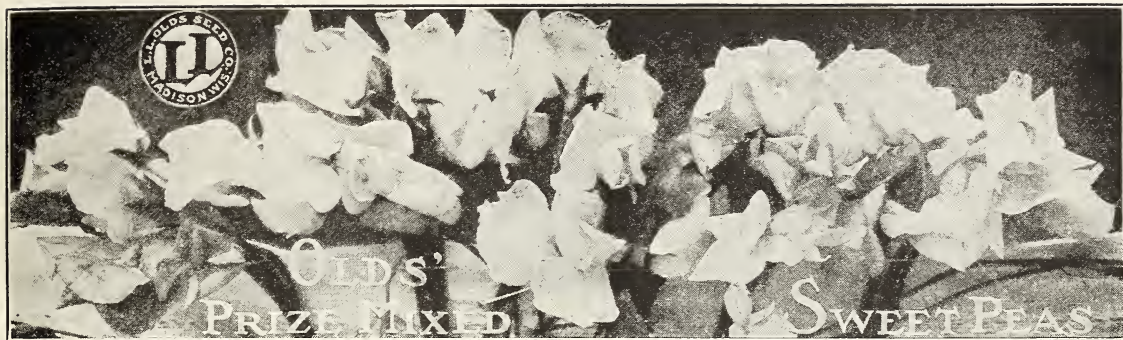
1165. Fine for hanging baskets. Pkt., 10c; 2 pkts., 15c.

STOCKS.

Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

1170. Finest Mixed. Choice colors. Pkt., 5c.

1171. White Princess. Best white. Pkt., 10c; 2 pkts., 15c.



1200 OLD'S' PRIZE MIXED. An unsurpassed mixture of the best old-fashioned Grandiflora sorts. The seed has been grown from selected stocks. It includes many separate named varieties—no better colors offered in any collection. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; 2 lbs. or more, 75c per lb.

1201½ SUNRISE MIXED. A most pleasing mixture of the Early Flowering Spencers only, in many tints and shades. Pkt., 10c; 2 pkts., 15c; oz., 40c; ¼ lb., \$1.35.

EARLY FLOWERING SPENCERS.

1204½ SNOW FLAKE. The best early, snowy white variety. The flowers are large, usually borne in fours on long, stiff stems. Pkt., 15c; 2 pkts., 25c; oz., 50c; ¼ lb., \$1.70.

1205½ CANARY BIRD. This is a splendid cream or primrose colored self. The flowers are of great size and beautifully waved. Pkt., 15c; 2 pkts., 25c; oz., 50c; ¼ lb., \$1.75.

1206½ SPRING MAID. An altogether new and distinct shade in sweet peas. It may be described as a pale peach-blossom pink, the color becoming deeper as the flowers age. Pkt., 15c; 2 pkts., 25c; oz., 50c; ¼ lb., \$1.80.

1207½ ENCHANTRESS. Immense flowers, finely waved and frilled. The color is very attractive, a bright rose pink, becoming deeper toward the edge of the standard and wings. Price, same as for Canary Bird.

1209½ MORNING STAR. Deep orange scarlet in a glowing live coal effect. Graceful sprays on strong, slender stems; vigorous in growth. Price, same as for Canary Bird.

1210½ ZEPHYR. A splendid shade of pale silvery blue. Large, well waved flowers. Altogether a most dainty and charming variety. Pkt., 15c; 2 pkts., 25c; oz., 55c; ¼ lb., \$1.90.

1211½ LIBERTY. Intense sparkling rose crimson. Large flowers, with petals of heavy satiny texture; holds up well after cutting. Price, same as for Canary Bird.

1212½ CONGO. A chocolate maroon, giant flowered variety—sure to please; dark rich shade. Price, same as for Canary Bird.

BLENDED COLORS. Pkt., 5c; oz., 30c; ¼ lb., \$1.10; lb., \$4.00.

1275 CREAM, PRIMROSE AND WHITE. King White, etc.

1276 BLUE AND LAVENDER SHADES. Wedgewood, etc.

1277 SHADES OF RED. Fiery Cross, Geo. Herbert, etc.

1278 PINK AND ROSE SHADES. Mrs. Cuthbertson, etc.

1279 SALMON AND ORANGE SHADES. Robt. Sydenham, etc.

1280 CHOCOLATE AND MAROON SHADES. Nubian, etc.

1281 FLAKED AND STRIPED. America, etc.

SUMMER-FLOWERING SPENCERS. Pkt., 10c; 2 pkts., 15c; oz., 35c; ¼ lb., \$1.15.

CREAM, PRIMROSE AND WHITE.

1203½ King White. Gigantic, white, vigorous.

1212 Primrose. Old Ivory shade.

1217½ Mrs. Routzahn. Apricot shaded pink.

1221½ Margaret Atlee. Cream flushed salmon.

BLUE AND LAVENDER.

1226½ Wedgewood. Azure blue.

1227½ Mrs. Townsend. White edged blue.

1228½ Asta Ohn. Clear lavender.

1229½ Florence Nightingale. Lavender rose.

1230½ Royal Purple. Rich purple.

SHADES OF RED.

1235½ Geo. Herbert. Rosy carmine.

1236½ Vermilion Brilliant. Intense scarlet.

1237½ Fiery Cross. Glittering Orange Scarlet.

1238½ King Edward. Rich unfading crimson.

SWEET PEA GARDEN NO. 1. One pkt. of Sunrise Mixed and one pkt. each of the eight Early-Flowering Spencers—nine pkts. in all, amounting to \$1.30 for \$1.00 postpaid.

SWEET PEA GARDEN NO. 2. One pkt. each of seven Summer-Flowering Spencers: Wedgewood, Mrs. Routzahn, Mrs. Cuthbertson, Thomas Stevenson, King Edward, King Manoel, America and one pkt. of Giant Spencer Mixed, amounting to 80c. for 60c. postpaid.

OLD-FASHIONED GARDEN MIXTURE. For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Migonette and others. Pkt., (½ oz.), 10c; 2 pkts., 15c.

NITRAGEN. Inoculate your ground for best results. Special culture for Sweet Peas. 17c, postpaid.

GIANT SPENCERS MIXED.

1203. OLD'S' MIXED. Old's' Spencer Mixed is a blend of the waved or orchid-flowered sweet peas—named varieties and new seedlings. This type of sweet-pea has large flowers, with waved petals of good substance; borne on long, slender stems—three or four flowers to the stem. Pkt., 10c; 2 pkts., 15c; ¼ lb., 70c; lb., \$2.50.



SHADES OF PINK AND ROSE.

1245½ Mrs. Cuthbertson. Apple-blossom tints.

1246½ Hercules. Magnificent rose-pink.

1247½ Elfrida Pearson. Salmon pink.

1248½ Dainty. White with pink edge.

SALMON AND ORANGE.

1255½ Sterling Stent. Deep salmon.

1256½ Robt. Sydenham. Glowing orange self.

1258½ Thomas Stevenson. Orange shaded rose.

CHOCOLATE AND MAROON.

1260½ Othello. Deep maroon.

1261½ Nubian. Chocolate and maroon.

1262½ King Manoel. Rich shaded chocolate.

1263½ Warrior. Maroon flushed bronze.

FLAKED AND STRIPED.

1265½ America. Ivory flaked crimson.

1266½ Senator. Heliotrope flaked chocolate.

1267½ Jean Ireland. Cream and rose.



MIXED ANNUALS.

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily grown from seed the first season, should order some of our Mixed Annuals. Pkt. ($\frac{1}{4}$ oz.), 10c; oz., 35c.

If your order should be less than \$1.00 worth of flower seed (in packets), from this catalog, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed Flower Seed for each 50 cents worth ordered.

Good Flowers can be grown only from good seeds. Order \$2.00 worth of flower seed packets and remit \$1.50.

STOKESIA (Corn Flower Aster).

1175. *Cyanea*. For borders. Pkt., 10c; 2 pkts., 15c.

SUNFLOWER.

Desirable for any location.

1180. *Chrysanthemum Flowered*. Bright golden yellow, double flowers. Pkt., 10c; 2 pkts., 15c.

1182. *Miniature*. Bright and showy. Pkt., 10c; 2 pkts., 15c.

1184. *New Red*. A novelty of merit. The flowers vary in size from 4 to 7 inches across, with a variation of colors. Pkt., 10c.

SWEET WILLIAM.

Fine for borders. H. P.

1300. *Single Mixed*. Perfect flowers. Pkt., 5c.

1301. *Scarlet Beauty*. Deep scarlet. Pkt., 10c.

1302. *Newport Pink*. Beautiful salmon-pink colored flowers.

borne in massive heads. Pkt., 10c; 2 pkts., 15c.

THUNBERGIA.

Rapid growing annual climbers.

1302 $\frac{1}{2}$. *Black-Eyed Susan*. Useful for hanging baskets, etc.; buff, white and orange colored flowers. Pkt., 10c; 2 pkts., 15c.

CHINESE WOOLFLOWER.

1303. The most showy garden annual in cultivation—see illustration. A recent introduction from China. The plants grow from two to three feet tall and have immense globe-shaped, crimson-scarlet heads, often two feet in circumference. The flowers cut fresh and carefully dried retain their shape and brilliant color, like everlasting. They are most useful in winter decorating. This new flower is easy to grow and is quite effective in beds or tall borders. Price: Pkt. (about 150 seeds), 15c.

VERBENAS.

Free-flowering, hardy annuals of low, spreading growth; great favorites—illustrated above.

1305. *Olds' Finest Mixed*. Largest flowers and the choicest colors. Pkt., 10c; 2 pkts., 15c.

1307. *Fine Mixed*. All fine shades. Pkt., 10c; 2 pkts., 15c.

1311. *Defiance*. Bright scarlet. Pkt., 10c; 2 pkts., 15c.

1312. *Italian Striped*. Very showy. Pkt., 10c; 2 pkts., 15c.

WALLFLOWER.

Fine for cutting. H. H. P.

1315. *Single Mixed*. Pkt., 5c.

ZINNIAS.

Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. *Superb Double Mixed*. Pkt., 10c; 2 pkts., 15c.

1326. *Dwarf Snowball*. Pure white. Pkt., 10c; 2 pkts., 15c.

1328. *Curled and Crested*. Pkt., 10c; 2 pkts., 15c.

1329. *Fire King*. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

NEW GIANT FLOWERED ZINNIAS.

This new strain is the result of many years of selection and hybridizing. The flowers are very large and their shape closely resembles those of the Decorative Dahlias (see illustration), while many of the shades are entirely new.

The plants are tall, vigorous and produce flowers freely. We recommend these new Zinnias to all who appreciate something new, distinct and desirable in flowers. One packet each variety 40c.

1332. *Giant Flowered Buttercup*. A very taking variety. The color is a beautiful shade of yellow. Pkt., 15c; 2 pkts., 25c.

1333. *Giant Flowered Victoria*. Very large flowers with quite a range of colors. The petals are quilled and twisted and have a pin wheel effect. Pkt., 15c; 2 pkts., 25c.

1335. *Giant Flowered Mixed*. Large, giant flowers with a wide range of colors and pleasing shades. These Zinnias hold their freshness and beauty a long time. Pkt., 15c; 2 pkts., 25c.

ZINNIA PLANTS. Giant Flowered Double. Sturdy plants. Doz., 35c; 50 for \$1.00, postpaid.

MIXED FLOWER SEED.

1350. *A Whole Garden* for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. Pkt. ($\frac{1}{4}$ oz.), 5c; oz., 15c.

MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who want such a bed should order one of our large-sized ($\frac{1}{4}$ oz.) packets of Mixed Perennials. Pkt., 15c; oz., \$1.00.

FLOWERING BULBS AND PLANTS

Needing but little care and repaying that care a thousand-fold in the charm and beauty of their bloom, the hardy plants and summer bulbs are among the most interesting of flowers. We pay postage on plants and bulbs, unless otherwise mentioned.

THE PEONY.



Festiva Maxima Peony.

In Japan they call it "The King of Flowers," and the splendor of its massively formed and richly colored blossoms would seem to justify the title. Hardy as an oak, growing equally well in sun or partial shade, it is worth planting for its wealth of ornamental foliage alone. The plants we offer are extra large divisions of four and five eyes each and will usually bloom the first year. Remember you need not send any money for postage. We pay that for you.

FESTIVA MAXIMA. Enormous flowers of purest white with crimson flecked centers. Early and vigorous. Each 85c; 3 for \$2.35.

FELIX CROUSSE. Rich even ruby red with no shade of purple or violet. One of the finest. Each 80c; 3 for \$2.10.

GOLDEN HARVEST. General color effect is cream delicately tinged with pink and apricot. Fragrant and a wonderfully free bloomer. Each 60c; 3 for \$1.65.

MONSIEUR JULES ELIE. The king of peonies and the largest of all. Color of the firm full blooms is glossy lilac pink, shading to rose, the entire flower being overlaid with a sheen of silver that fairly gleams in the sunlight. Lasts a long time when cut. Each \$1.30; 3 for \$3.35.



Felix Crousse Peony.

LOUIS VAN HOUTTEI. Rich dark crimson developing silvery tips with age. Each 85c; 3 for \$2.35.

SARAH BERNHARDT. Apple-blossom pink. Extra early. Each 75c; 3 for \$1.90.

SPECIAL PEONY OFFER. One each of the above six varieties for \$1.50, postpaid.

PLEASE NOTE. Peonies should be planted either early in the spring or in the fall. All orders received before April 25th will be shipped at once or when weather permits digging. Orders received after that date will be sent out some time in September.

THE CANNA.

Most popular of all summer tuberous plants for brilliant bedding and massing. It grows readily and rapidly from dormant root divisions such as we offer.

FIREBIRD. The flowers, of intense cardinal red, are often seven inches across. Petals are of heavy substance and good texture. Blooms early and freely. Foliage rich green, height four feet. Each 18c; 6 for 85c; 12 for \$1.55.

GOLDBIRD. Clear light yellow without marks of any kind. In size, shape, and season, a good companion to Firebird. Each 14c; 6 for 70c; 12 for \$1.35.

WYOMING. Brilliant orange with purple bronze foliage. 7 feet. Each 10c; 6 for 55c; 12 for 95c.

RED KING HUMBERT. Orange scarlet marked crimson. Luxuriant chocolate colored foliage. 4 feet. Each 12c; 6 for 60c; 12 for \$1.15.

YELLOW KING HUMBERT. A pure rich golden yellow dotted with red; large spikes with flowers five to seven inches across. Green leaves, 4 feet. Each 14c; 6 for 70c; 12 for \$1.35.

EUREKA. The finest white canna, an effective contrast with the scarlet sorts. 4 feet. Each 15c; 6 for 80c; 12 for \$1.45.

HUNGARIA. Flowers very large of purest satiny pink. Compact plant with leaves of bluish green. 3 feet. Each 15c; 6 for 80c; 12 for \$1.45.

DAVID HARUM. Dark bronze foliage and vermilion red flowers. One of the freest blooming cannas ever introduced. Each 10c; 6 for 55c; 12 for 95c.

THE DAY LILY.

So-called because the blossoms close at night.

EARLY LEMON LILY. June. Clear light yellow. Sweet-scented and most attractive. Each 25c; 3 for 70c.

TAWNY DAY LILY. July. Coppery orange. Good for cutting. Each 25c; 3 for 70c.

DOUBLE ORANGE LILY. Deep orange, shaded crimson. Each 30c; 3 for 80c.

CINNAMON VINE.

A quick growing, hardy climber with glossy heart-shaped leaves and fragrant flowers. It comes up from the old roots each spring, making 25 to 40 feet of growth in a season. For best effect, plant in groups of three. 3 for 20c; 6 for 35c; 12 for 55c.



THE TUBEROSE.

The sweetest scented flower that grows and altogether one of the most charming summer bulbs.

DWARF PEARL. Large double wax-like flowers of purest white and orange-blossom fragrance. Each 10c; 6 for 45c; 12 for 80c; 50 for \$2.50.

MEXICAN. Snow white single flowers, delightfully fragrant. Begins to bloom, much earlier than the Dwarf Pearl. Each 8c; 6 for 40c; 12 for 75c; 50 for \$2.35.



Willie Wigman.

OLDS' GLADIOLI

The finest of summer flowering bulbs and the easiest to grow. The magnificent spikes of richly colored bloom are unsurpassed for decorative effect, lasting a week to ten days when cut. No other flower gives so much and costs so little. Spend your summer among our gladioli.

FINEST MIXED. A careful blend in a wide range of colors of many named sorts and new seedlings, all full blooming size. People who do not also plant mixtures—no matter how many of the named varieties they plant—will miss much pleasure. Price: 6 for 25c; 12 for 45c; 100 for \$3.00.

PRIMULINUS HYBRIDS. A new type, very early, showing shades of primrose, apricot, orange, bronze and pink. Price: 6 for 25c; 12 for 45c; 100 for \$3.25.

AMERICA. Beautiful soft shell pink, fine for cutting. This is our largest seller. Each 6c; 6 for 30c; 12 for 50c; 25 for 90c.

SCHWABEN. Pure canary yellow, shading to sulphur. The largest flower and strongest grower of all yellow gladioli. Each 10c; 6 for 50c; 12 for 95c; 25 for \$1.75.

BARON HULOT. Rich indigo blue and finest of this color. Especially effective cut with Schwaben. Each, 12c; 6 for 65c; 12 for \$1.20; 25 for \$2.10.

MAY. Pure white ground, penciled and flaked with rose. Each 8c; 6 for 40c; 12 for 75c.

VELVET KING. Deep scarlet. Each 7c; 6 for 35c; 12 for 60c.

WILLIE WIGMAN. Blush white flower marked with carmine spot. Graceful spike. Each 10c; 6 for 55c; 12 for \$1.00.

SPECIAL TRIAL OFFER. Three bulbs each of the above six named varieties, or eighteen in all for \$1.35, postpaid. Six bulbs each or thirty-six in all for \$2.35.

PEACE. Giant white flower marked with lilac line on lower petals. Probably the best white ever introduced. Should be planted early. Each 10c; 6 for 50c; 12 for 95c; 25 for \$1.80.

WAR. Giant blood-red, shading to deep crimson. Most attractive and striking. Largely grown for cutting. Each 10c; 6 for 50c; 12 for 95c; 25 for \$1.80.

SULPHUR KING. A most desirable color. Long spike of clear sulphur yellow. Each 15c; 6 for 70c; 12 for \$1.35.

EMPRESS OF INDIA. Deep, velvety mahogany red, the very darkest and richest of all gladioli in color. The opening buds are nearly black. Large flowers on fine spikes. Each 10c; 6 for 50c; 12 for 95c.

AUGUSTA. A pleasing white sort, sometimes feathered lavender pink. Good spike. Mid-season. Each 7c; 6 for 35c; 12 for 60c.

MRS. FRANCIS KING. A rare shade of flame pink, especially beautiful under artificial light. One of the more desirable sorts. Tall spike and large blooms. Each 7c; 6 for 35c; 12 for 60c; 25 for \$1.00.

MRS. WATT. Glowing wine-crimson, the shade of an American Beauty rose. A distinct and valuable novelty. Each 8c; 6 for 40c; 12 for 75c.

GOLDEN KING. Brilliant yellow with crimson throat. Each 8c; 6 for 40c; 12 for 75c.

PINK PERFECTION. True apple blossom pink with fine white stripe. Attractive in bud and magnificent when in full bloom. This is one of our favorites. Each 14c; 6 for 70c; 12 for \$1.30.

PRINCEPS. Immense scarlet Amaryllis-like flowers carrying three white spots on lower petals. Each 10c; 6 for 55c; 12 for \$1.00; 25 for \$1.90.

FIRE KING. Intense fire-scarlet with many blooms open at one time. Each 8c; 6 for 40c; 12 for 75c.

EARLY FLOWERING VARIETIES.

The four following kinds are extra early in season blooming long before the other varieties are in bud. We offer six each of these sorts or twenty-four in all for \$1.50, postpaid.

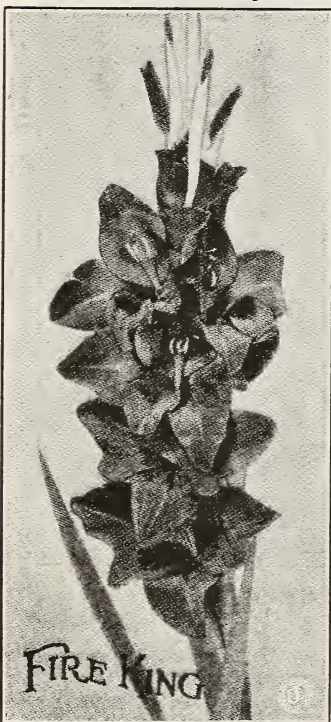
HALLEY. Delicate salmon pink with a slight roseate tinge. Well opened flowers of good size. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

CHICAGO WHITE. The very earliest white. Six to seven flowers open at one time. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

MYRTLE. Cream tinted buds opening to arbutus pink with lighter throat. Each 12c; 6 for 65c; 12 for \$1.20.

PRIMULINUS HYBRIDS. Described at top of page. 6 for 25c.

Gladioli demand so little care that everyone should grow them. Plant in any well drained soil, covering the bulbs three to four inches deep and spacing them about six inches in the row. Then keep them cultivated. That is all.



Leaflet on Gladioli Culture, free on request. Our prices are postpaid.

RUFFLED GLORY. The opening buds are soft cream edged with pink but as the flowers expand the ground color changes to rich ivory overlaid with lavender pink. The throat is penciled with buff and crimson and the petals are exquisitely ruffled and fluted. Each 8c; 6 for 40c; 12 for 75c.

MRS. FRANK PENDLETON. Salmon pink on white ground contrasting with the splash of velvety red on lower petals. Wonderfully beautiful and as showy as an orchid. Each, 10c; 6 for 55c; 12 for \$1.00; 25 for \$1.90.

NIAGARA. A fine cream tinted sort penciled with carmine. A seedling of America, it resembles that variety in shape but with larger blooms. Splendid for cutting, ranking high in size, texture, and keeping qualities. Each 10c; 6 for 50c; 12 for 90c; 25 for \$1.60.

PANAMA. Our finest deep pink. Wide open, wax-like flowers borne on tall strong spikes. We can recommend this variety most highly. Each 8c; 6 for 40c; 12 for 75c; 25 for \$1.25.

NEW GLADIOLI OF MERIT.

After trying out these new gladioli we believe each to be an advance in its color and worthy of our customers' attention.

SCARSDALE. A unique shade of lavender, tinted with old rose Well opened flowers on tall graceful spikes. Each 12c; 6 for 65c; 12 for \$1.20.



THOMAS T. KENT. Rose pink with ruby running through center of each petal. The massive blooms, of great substance, are borne on exceptionally strong, vigorous stems. In our judgment it is the very finest variety on our list and certainly it is the largest. Flowers are often over six inches in diameter and the spikes five to six feet tall. Each 30c; 6 for \$1.40; 12 for \$2.50.

RED EMPEROR. The largest clear cardinal red variety in existence. The petals are of good texture and have a peculiar brilliant satiny sheen that is most pleasing. The immense blooms open well and are borne on long graceful spikes. It is a good forcer and quite early in season. Each 20c; 6 for \$1.00; 12 for \$1.90.

NOVELTY COLLECTION. Three each of the above new sorts or nine bulbs in all for \$1.45, postpaid.

RAINBOW COLLECTION.

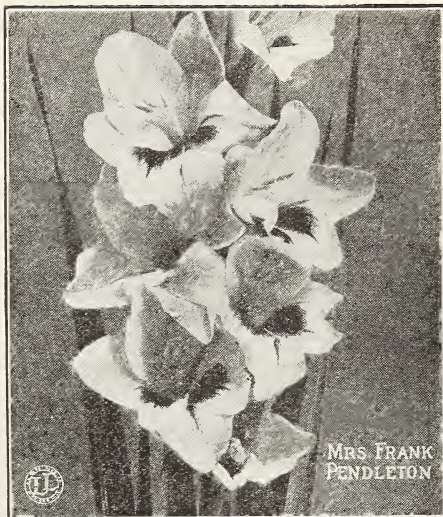
We offer three each of the twenty-seven named gladioli described and priced on these two pages or 81 bulbs in all for \$6.50, postpaid. Each kind will be labeled separately and we will include full cultural directions. Three collections or 243 bulbs will be sent for \$18.50, prepaid.

FALL BULBS

Tulips, Hyacinths and certain other bulbs for winter forcing and early spring blooming should be planted only in the fall. Our supply of these items comes from Holland and will arrive next September. Send us your order now for shipment then. Prices below include postage and are guaranteed against advance. Should prices next fall be less we will put in extra bulbs to make up full value. Six at dozen rate.

	Per 12	Per 50
TULIPS, Early Single Mixed	\$.45	\$1.35
TULIPS, Early Double Mixed .....	.50	1.50
TULIPS, Tall Single Late Mixed .....	.50	1.50
CROCUSES, Mixed Extra Early .....	.20	.70
NARCISSI, Poet's .....	.45	1.60
NARCISSI, Golden Emperor .....	.75	2.65
NARCISSI, Bicolor Victoria .....	.75	2.65
NARCISSI, Early Golden Spur .....	.75	2.65
NARCISSI, Double Daffodill .....	.75	2.65
PAPER WHITE, for Water Forcing .....	.60	2.00
	Each	Per 12
CHINESE LILIES, for Water Forcing	\$.18	\$1.70
FORCING HYACINTHS, Separate Colors, Red, Pink, White, Yellow and Blue .....	.14	1.50
FORCING HYACINTHS, Finest Mixed .....	.12	1.30
MIXED HYACINTHS, Outdoor Planting .....	.08	.80

Our Fall Catalog describing many named varieties of the above together with house plants, peonies, etc., will be out about Sept. 1. Write us for a copy.



OLDS' NEW DAHLIAS

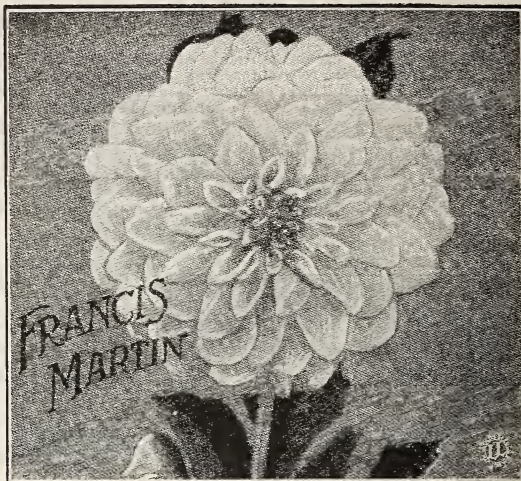
More than any other, the dahlia is the flower of autumn giving blossoms over a period of two to four months in late summer and fall. Out of many hundred named varieties we have chosen twenty-six sorts that we believe to be the cream of the list, excelling in size, color, and freedom of bloom, in length of stem and ease of culture. Leaflet giving full growing directions, free on request.



MINA BURGLE. Rich glowing scarlet flowers of immense size carried on long stems. One of the very best for cutting and the finest red decorative dahlia ever introduced. Extremely free blooming, as many as thirty perfect flowers often being open on one plant at the same time. Each, 25c; 6 for \$1.25; 12 for \$2.15; 25 for \$4.00.



FINEST MIXED DAHLIAS. A blend of many choice named varieties showing almost every shape, size and color to be found in dahlias. Colors range from scarlet, crimson, purple and lavender through all the shades of pink, orange, and yellow to white. Please note that our mixture is made up early in the season and when you order mixed dahlias we cannot tell which colors you will get. 3 for 30c; 6 for 50c; 12 for 90c; 50 for \$3.35, postpaid.



FRANCIS MARTIN. Giant flowers of decorative type borne on tall erect stems. Color is glistening white overlaid with pure lavender. A new introduction of rare merit and one that will surely please. Each, \$1.00; 6 for \$5.00; 12 for \$9.00.

VIVIAN. A fine large flower perfectly quilled. Inside of petals is white shaded cerise and edged rose-violet. A most striking color blend attracting much favorable comment. Each, 25c; 6 for \$1.25; 12 for \$2.35.

MRS. ROOSEVELT. Flowers of soft pink often eight inches across. This variety belongs to the Colossal type, the class of dahlias with largest flowers. Each, 40c; 6 for \$2.00; 12 for \$3.75.

GIANT PURE WHITE. (Dreer's) Another dahlia of the Colossal class; a strong bushy grower and unsurpassed in freedom of flowering. Snowy white. Each, 45c; 6 for \$2.40; 12 for \$4.25.

TRIAL GROUND OFFER. For \$1.75 we will send postpaid one labeled division of each of the following ten varieties of dahlias amounting at regular prices to \$2.30.

MELODY. High center of canary yellow with pure white reflexed outer petals. One of the best yellows. Each, 20c; 6 for 90c; 12 for \$1.70.

BLUE OBAN. Fawn deepening to mauve, in some seasons showing a decided shade of blue. Each, 20c; 6 for 90c; 12 for \$1.70.

MERLIN. A dazzling orange scarlet show dahlia. Each, 15c; 6 for 75c; 12 for \$1.45.

BELOIT. Long petalled flowers of rich purple garnet. Each, 30c; 6 for \$1.45; 12 for \$2.75.

MADONNA. A pure white peony-flowered dahlia with curled and twisted petals. Fine for cutting. Each, 35c; 6 for \$1.75; 12 for \$3.25.

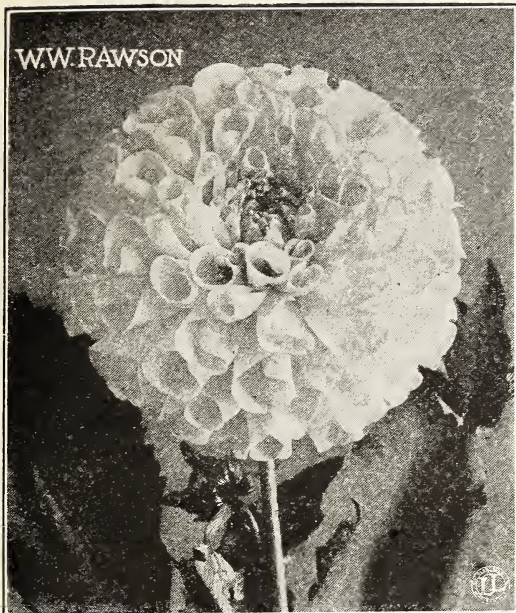
JOHN GREEN. Peony-flowered. The pointed petals are golden yellow tipped with fiery scarlet. Each, 35c; 6 for \$1.75; 12 for \$3.25.

SYLVIA. A most satisfactory flower for cutting. Soft pink with full white center. An early and profuse bloomer. Each, 15c; 6 for 75c; 12 for \$1.35; 25 for \$2.50.

QUEEN OF THE YELLOWS. A strong grower throwing immense flowers. Each, 15c; 6 for 75c; 12 for \$1.35.

STORM KING. The most reliable white show dahlia to date. Blooms are often six inches in diameter. Each, 20c; 6 for 90c; 12 for \$1.70.

MANZANOLA. Brilliant oriental red. One of the earliest. Each, 20c; 6 for 90c; 12 for \$1.70.



W. W. RAWSON. A handsome variety of the Colossal type with quilled inner petals broadening in distinctive form. Flowers are massive and of heavy texture. Color, snowy white over-laid with amethyst blue. Each 35c; 6 for \$1.75; 12 for \$3.25.

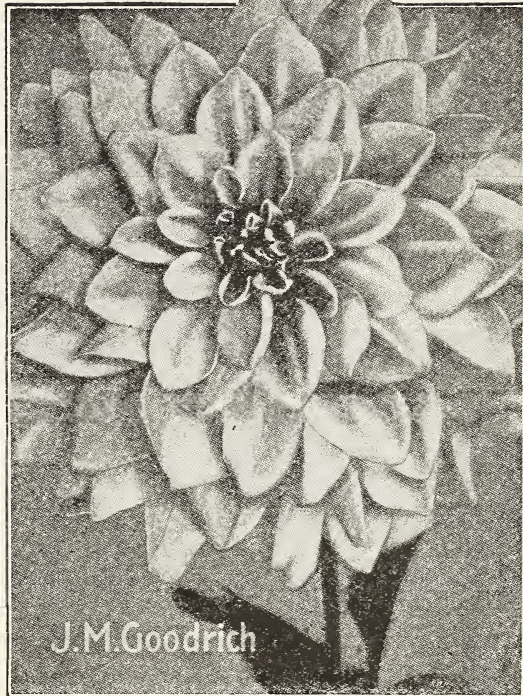
NORMA. Bright orange, glowing like a live coal. Blossoms are large and full, regularly quilled and produced in remarkable profusion. Each, 25c; 6 for \$1.25; 12 for \$2.35.

LE GRAND MANITOU. White, splashed and flaked deep violet purple with occasionally a flower of solid purple. The plants are rather dwarf and bushy but the flowers are of largest size and carried on long stems. Each, 25c; 6 for \$1.25; 12 for \$2.35.

Size of Roots Offered. In common with most other growers we offer dahlias only in divisions of one to three roots for we have found that divisions of this size give the most and finest blooms. Remember, our prices are postpaid.



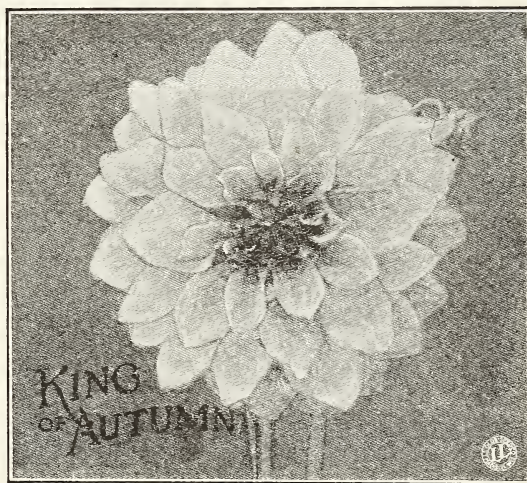
A. D. LIVONI. A splendid clear pink, beautifully quilled and of perfect ball shape. Blooms freely under most unfavorable conditions. An old favorite and our biggest seller. Each 15c; 6 for 75c; 12 for \$1.45. 25 for \$2.80.



J. M. GOODRICH. A new giant decorative variety. Flowers are full and thick with broad pointed petals. Rather distinctive in color, salmon shading to rose with golden yellow tips. Stems are exceptionally long. Each 30c; 6 for \$1.45; 12 for \$2.75.

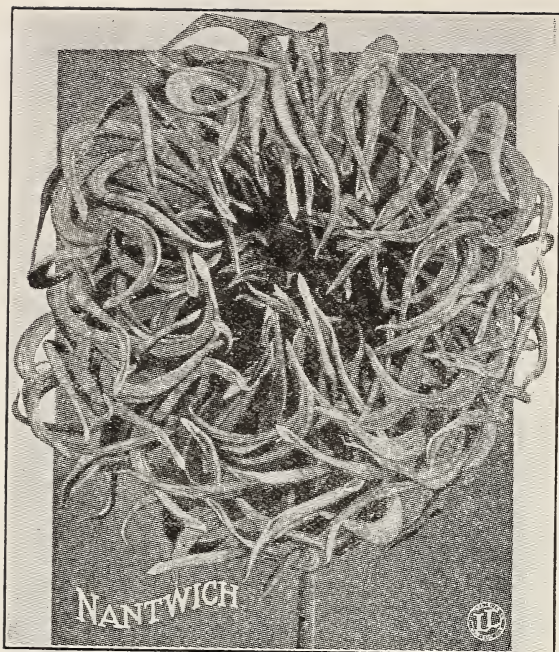
MAUDE ADAMS. The most free flowering dahlia on our list, sure to grow and to bloom. The plants are a mass of flowers, large and of perfect ball shape, inner petals creamy white, shading to an exquisite pink at outer edge. A profitable sort for commercial flower growing. Each 35c; 6 for \$1.75; 12 for \$3.10; 25 for \$6.00.

DAHLIA GROWER'S COLLECTION. We offer three labeled divisions of each of the twenty-six named varieties we list, seventy-eight roots in all, for \$18.50, postpaid.



KING OF AUTUMN. A valuable new variety of the decorative class. The large flowers are borne on long sturdy stems. In color it shows the true autumnal tints, buff yellow suffused terra-cotta with a glow of salmon. Each 50c; 6 for \$2.60; 12 for \$4.60.

DAHLIAS CONTINUED ON NEXT PAGE.



COLUMBINE. (Aquilegia) Long Spurred Hybrids. Varied or shade. One of the best hardy flowers, for either garden decoration or cutting. Each, 25c; 3 for 70c; 12 for \$2.25.

FOXGLOVE. An old fashioned flower showing shades of purple, rose, and white. The tall strong flower stalks rise from luxuriant masses of leaves. Each, 25c; 3 for 70c; 12 for \$2.25.

SEA HOLLY (Eryngium). Finely cut foliage and amethyst blue thistle-like flowers. A most pleasing cut flower. Each, 20c; 3 for 55c.

MEADOW SWEET, PINK; MEADOW SWEET, WHITE. Shade loving plants giving erect spikes of graceful feathery bloom. Each, 30c; 3 for 85c.



GOLDEN GLOW. One of the finest hardy plants ever introduced. Starts blooming the first season and bears masses of golden yellow double dahlia-like flowers on long graceful stems, just right for cutting. See illustration above. Each, 15c; 3 for 40c; 12 for \$1.35.

LYTHRUM ROSEUM. Tall spikes of cherry red flowers. Hardy as an oak. Each, 25c; 3 for 70c.

SWEET WILLIAM. Mixed colors. Each, 25c; 3 for 70c.

CANTERBURY BELLS. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c.

EVENING PRIMROSE. Large single golden yellow flowers opening at dusk. A good border plant. Each, 25c; 3 for 70c; 12 for \$2.25.

MONARDA. (Bergamot). Aromatic foliage and showy brilliant red flowers. Effective against shrubbery or other dark background. Each, 25c; 3 for 70c; 12 for \$2.25.

STATICE. The Great Sea Lavender. Tufts of leathery leaves from which spring immense spreading panicles of tiny blue flowers which may be easily dried for winter bouquets. Entirely hardy. Each, 35c; 3 for 95c.

LILY OF THE VALLEY. Sprays of drooping waxy white fragrant bells. Succeeds in the open ground in any situation but prefers shade. Once established the crowns increase yearly. We offer large clumps for immediate effect. Each, 30c; 3 for 85c; 12 for \$2.75.

CACTUS DAHLIAS

The loosely and artistically formed flowers, with their long, twisted, interlacing petals, much resemble chrysanthemums.

NANTWICH. A new English cactus dahlia with gracefully incurved petals almost meeting in the center—see illustration. The color is a glittering golden-orange shading to deep burnt-orange. Each, 35c; 6 for \$1.75; 12 for \$3.25.

ELLA KRAMER. Rose pink, the best cactus variety of its color. Free flowering. Each, 20c; 6 for 90c; 12 for \$1.70.

PERLE DE LYON. Pure white with peculiarly fringed and nicked petals. Each, 25c; 6 for \$1.25; 12 for \$2.35.

J. H. JACKSON. Gigantic blooms holding up well when cut. Color is deep velvety maroon, almost black. Each, 25c; 6 for \$1.25; 12 for \$2.35.

CACTUS DAHLIA COLLECTION. We offer one division each of the above four varieties for 85c postpaid. At regular prices these would cost you \$1.05. For \$2.35 we will send postpaid three divisions each of the above kinds or twelve roots in all.

HARDY PLANTS.

The kind that live over from year to year. The plants and roots we offer are extra large and strong and should bloom the first season. Price, unless otherwise given, 20c each; 3 for 55; 12 for \$1.75.

HOLLYHOCK. Old fashioned favorites. Double or single mixed.

GAILLARDIA. Showy, long-stemmed flowers of crimson, yellow, and maroon. Always in bloom.

FALSE DRAGON HEAD. Forms large clumps three to four feet high, bearing long spikes of delicate lavender pink flowers. Blooms in midsummer.

ACHILLEA.—The Pearl. Double white flowers.

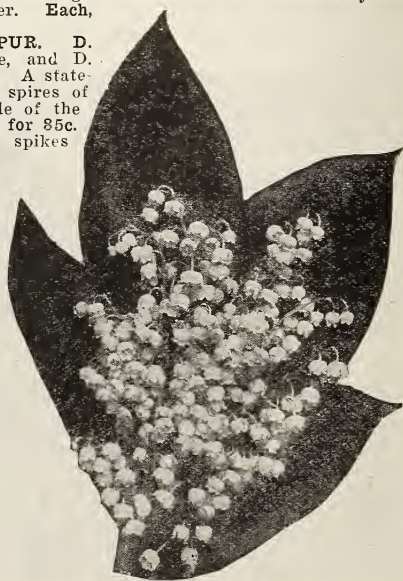
ROSE CAMPION. Orange scarlet flowers in May and June. The finest flower of the old Hardy Gardens.

and delicate combinations of color. Do well in sun or cutting. Each, 25c; 3 for 75c; 12 for \$2.25.

BOLTONIA, PINK; BOLTONIA, WHITE. Fluffy single aster-like flowers completely covering the tall branching plants and producing a most attractive effect. Autumn blooming. Each, 25c; 3 for 70c.

GIANT DAISY. Large snow white daisy-like flowers. Free blooming and fine for cutting. Resembles the Shasta Daisy but is harder and better. Each, 30c; 3 for 85c.

HARDY LARKSPUR. D. Belladonna, sky blue, and D. Formosum, dark blue. A stately plant with its tall spires of blue, the rarest shade of the garden. Each, 30c; 3 for 85c.



THE GARDEN IRIS.

The Iris has been called "The orchid of the garden" and truly in delicacy of shape and coloring it is a fair rival. Few outdoor perennials are as easy to grow and none more hardy.

PALLIDA DALMATICA. The finest thing in Irises. Gigantic flowers on forty-inch stems. Clear deep lavender. Sweet-scented. Each, 50c; 3 for \$1.35.

AUREA. Rich chrome yellow. Each, 40c; 3 for \$1.00.

RHEIN NIXE. A charming Iris. Standards, white. Falls, raspberry purple edged white. Each, 45c; 3 for \$1.15.

MADAME CHEREAU. White, edged and laced light blue. Tall. Each, 20c; 3 for 55c.

HONORABILIS. Golden yellow and rich mahogany brown. Each, 20c; 3 for 55c.

SAPPHO. Standards, frilled white. Falls, white veined green and brown with violet border. Each, 25c; 3 for 70c.

SNOW QUEEN. Oriental type. Ivory white. Each, 25c; 3 for 70c.

BLUE KING. Oriental Type. Clear blue. Each, 25c; 3 for 70c.

MIXED IRIS. Every conceivable combination of purples, soft blue, claret, bronze, yellow and white. 6 for 70c; 12 for \$1.25; 25 for \$2.35.



HARDY PHLOX.

For striking color effects in July and August the hardy Phloxes are indispensable. The immense flower trusses and brilliant hues of the newer types will be a revelation to those who know only the old-time varieties.

ELIZABETH CAMPBELL. A new introduction. Salmon, changing to pink in center. Extra fine—see illustration. Each, 35c; 3 for 90c.

HYON. A very good vivid red. Each, 30c; 3 for 80c.

CREPUSCULE. Violet shaded purple. One of the largest. Each, 25c; 3 for 70c.

PEACH BLOW. Pink and white. Each, 25c; 3 for 70c.

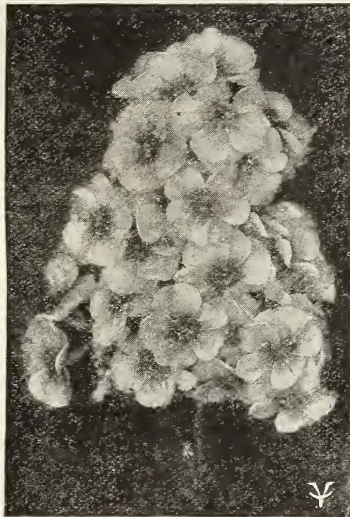
R. P. STRUTHERS. Clear cherry red, suffused salmon. Fine, large truss. Each, 30c; 3 for 80c.

BRIDESMAID. White with carmine eye. Each, 25c; 3 for 70c.

MISS LINGARD. Pure snowy white with faint lilac eye. Free flowering and fine for massing. Each, 30c; 3 for 80c.

PANSY PLANTS. Giant flowers, many of them waved, in a wonderful range of colors. Strong plants, ready to bloom. Doz., 60c; 50 for \$2.15, postpaid. By express, 50 for \$2.00.

FLOWER BED COLLECTION. We offer 36 fine mixed Aster plants, 12 Salvia plants and 24 plants each of Petunia, Verbena and Zinnia; 10 dozen plants in all, for \$2.50, postpaid.



ANNUAL FLOWERING PLANTS.

Price postpaid, any variety. Doz., 35c; 50 for \$1.10.

ASTERS, Early Flowered. Many colors in mixture.

ASTERS, Semple's Branching. Mixed colors. Long stemmed. The finest Aster for cutting.

SALVIA, Splendens. Brilliant scarlet flowers.

ANTIRRHINIUM, Dwarf Mixed Snapdragons.

VERBENA, Mixed Colors. Fine for bedding.

ZINNIA, Giant Flowered Double.

PETUNIA, Large Flowered Ruffled.

SWEET POTATO PLANTS.

Grow your own Sweet Potatoes. They need little attention and the yield from a few plants will surprise you. Hundreds of our customers in the north grew them last year with success. We offer plants of the Yellow Jersey, dry sweet type, and Red Bermuda, rich moist type. Either variety. Doz., 25c; 50 for 80c; 100 for \$1.50, postpaid. By express, 100 for \$1.25; 500 for \$4.50.



OTHER VEGETABLE PLANTS.

Plants carry well by mail. Our prices are postpaid.

CABBAGE PLANTS. April, May and June delivery. Sturdy, home grown plants. Early Jersey Wakefield, All-head Early, Late Flat Dutch, Late Danish Ballhead. Doz., 20c; 50 for 55c.

CAULIFLOWER PLANTS. Transplanted. April and May delivery. Snowball. Doz., 35c; 50 for \$1.10.

CELERY PLANTS. Transplanted stock. Golden Self Blanching, early; Winter Queen, late. Doz., 25c; 50 for 75c.

GROUND CHERRY PLANTS. An annual fruit for canning and home use. Doz., 35c; 50 for \$1.10.

EGG PLANT. Transplanted. Ready in May and June. Black Beauty. Doz., 40c; 50 for \$1.25.

HORSE RADISH. Good clean sets. Doz., 20c; 100 for \$1.00.

PEPPER PLANTS. Crimson Giant, mild and sweet. Red Cluster, best hot sort. Doz., 30c; 50 for \$1.00.

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Earliana, very early; Chalk's Jewel, best early, smooth and solid; Matchless, best for main crop; Ponderosa; Small Yellow Pear. Doz., 35c; 50 for \$1.10.

THE HARDY CHRYSANTHEMUM. Garden Chrysanthemums give a wealth of bloom in the late fall when most other outdoor flowers are past. Either variety, 25c each; 3 for 70c; 12 for \$2.25.

ETNA RED. A most striking and attractive shade of clear flame red with a gleam of salmon.

ROSE LAVENDER. Large double aster-like flowers. We have counted over 60 blooms on one plant open at the same time.

If you use plants in quantity, write us for quotations.

CHOICE GREENHOUSE PLANTS

FOR THE WINDOW GARDEN OR OUT-DOOR BEDDING. Prices include postage.



THE BEST FUCHSIAS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

WAVE OF LIFE. Rich dark purple flowers.

SPECIOSA. Pink and carmine; free flowering.

AVAILANCHE. Golden foliage; double violet flowers.

EDMOND ABOUT. Semi-double; white corolla with pink petals.

NANCY. Dark blue, a beautiful variety.

PHENOMINAL. Large scarlet and violet flowers.

FANCY LEAVED GERANIUMS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

HAPPY THOUGHT. Dark green foliage with creamy white center bordered bronze. Single scarlet flowers.

GOLDEN TRICOLOR. Bronze-zoned leaves belted with crimson and edged yellow. Orange-red flowers.

MME. SALLEROI. Green foliage edged white. Blossoms, pink and white.

DOUBLE GERANIUMS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

S. A. NUTT. Rich dark crimson; always in bloom. An excellent bedder and a perfect pot plant.

JEAN OBERLE. Peach-blow pink shaded white.

BUCHNER. Bushy plants with flowers of purest white.

MRS. LAWRENCE. A wonderful shade of satiny salmon pink. Free flowering.

ALPHONSE RICARD. Brilliant orange red; semi-double.

QUEEN OF THE FAIRIES. Snow white shading into a soft glowing crimson.

NEW CARNATIONS.

Price, each 25c; 3 for 65c.

ENCHANTRESS. Large clear pink flowers on strong stems. One of the easiest to grow.

MATCHLESS. Pure white, graceful and fragrant.

BEACON. Rich crimson; very free blooming.

C. W. WARD. Light salmon rose.

BENORA. White delicately penciled with crimson.

COLEUS FOR BEDDING.

Price, each 20c; 3 for 45c; 12 for \$1.50.

NERO. Very deep maroon, nearly black.

RETTA KIRKPATRICK. Bright green, white center.

FIRE BRAND. Brilliant, glowing fire red.

SENSATION. Dark crimson, center light red.

VERSCHAFELTII. Maroon center, spotted yellow.

YELLOW BIRD. Golden yellow.

EMPERESS OF INDIA. Light maroon bordered scarlet.

DUNEIRA. Attractive shades of crimson and scarlet.

GREENHOUSE BULBS.

Dormant bulbs for growing in the winter window garden or in summer out of doors.

CALLA. Everblooming Dwarf White. Each 35c.

CALLA. Giant Rich Yellow. Each, 50c.

AMARYLLIS FORMOSISSIMA. Velvety scarlet flowers with lighter stripe. May be forced in water. Each, 40c.



DECORATIVE FERNS.

Price, each 30c; 3 for 80c.

WHITMANII. The ostrich plume fern.

THE BOSTON. Graceful drooping fronds.

ROOSEVELT. Dense massive fronds; erect in growth.

ASPARAGUS PLUMOSUS. The lace fern.

DISH FERNS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

CRESTED FERN. Green leaves peculiarly crested.

STRIPED SILVER. A pretty variegated sort.

MAIDEN HAIR. Tasseled fronds.

BASKET PLANTS.

Various trailing plants for hanging baskets and window boxes. Price, each 25c; 3 for 65c; 12 for \$2.25.

VINCA VINE. Glossy green leaves margined cream.

TRAILING COLEUS. Cherry red edged green.

FIRE CRACKER PLANT. The arching growth is literally covered with coral red flowers.

STRAWBERRY GERANIUM. Striped foliage, trailing runners, white flowers. A handsome plant.

TRAILING FUCHIA. Scarlet flowers in drooping clusters.

WEeping LANTANA. In continuous bloom winter and summer.

FLOWERING BEGONIAS.

Price, each 30c; 3 for 80c; 12 for \$2.75.

LUMINOSA. Bright cherry flowers, bronze foliage.

TRIUMPH. Dwarf, with white wax like blossoms.

RUBRA. Glossy foliage, bright pendant flowers.

FOLIAGE BEGONIAS. Rex. Rich metallic shades of silver and bronze. Price, each 40c; 3 for \$1.10.

SWEET VIOLETS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

SWANLEY WHITE. Double, white. Large and sweet.

MARIE LOUISE. Double, dark blue. Very fragrant.

DOUBLE PETUNIAS.

Double flowers of exquisite beauty and great size in purple, lavender, white and variegated. Each, 25c; 3 for 65c; 12 for \$2.25.

MOONFLOWER VINE.

Price, each 25c; 3 for 65c.

GIANT BLUE. Blooms open in the evening.

INDOOR CHRYSANTHEMUMS.

Price, each 25c; 3 for 65c; 12 for \$2.25.

EARLY OCONTO. White, large flowered.

CHIEFTAN. Incurved, rose pink.

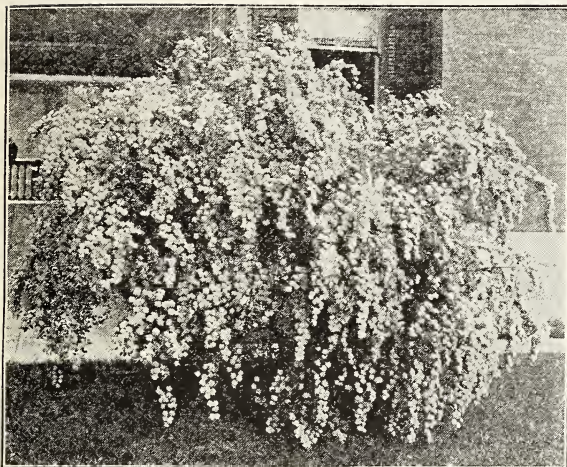
GOLDEN GLOW. Velvety golden yellow.

TIGER. Light yellow marked with red. One of the easiest to grow.

KING OF PLUMES. Massive flowers with reflexed petals. Rich orange.

DWARF ORANGE. White, wax-like fragrant blossoms followed by small bright-colored sweet oranges. Plants sometimes bear fruit when only six inches high. Price, each 30c.

HARDY SHRUBS, VINES AND ROSES



Spirea Van Houttei.

HARDY SHRUBS.

PRICE, unless otherwise given, strong plants, each, 30c; any 3 for 75c; 12 for \$2.40, postpaid.

We can also furnish larger plants, each, 55c; 3 for \$1.50; 12 for \$5.00, postpaid.

SPIREA VAN HOUTTEI (Bridal Wreath). One of the finest hardy shrubs grown. Beautiful foliage, and in May and June a fountain of arching snowy white bloom.

SPIREA, ANTHONY WATERER. Begins to bear flat clusters of rosy-red flowers almost as soon as planted and continues in bloom until late autumn.

WEIGELIA, DESBOISII. An easily grown shrub. The deep rose trumpet shaped flowers are borne in clusters along the stem. Extra size plants only. Each, 60c.

WEIGELIA, EVA RATHKE. Dark red flowers with creamy white markings; in bloom all summer.

SNOWBERRY. A hardy shrub that grows well in almost any soil and succeeds in partial shade. The small pink flowers are followed by waxy white berries which last well into the winter. Effective for massing.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink and borne freely in immense panicles. Commences flowering in June and continues until November. Easily grown and will bloom the first year.

BUTTERFLY BUSH. A deciduous shrubby plant growing rapidly from the roots each spring. Starts blooming early in July and bears great spikes of lilac colored flowers until frost.

SNOWBALL. Pure white flowers in dense clusters looking like balls of snow. Very attractive.

FORSYTHIA, (Golden Bells). The first shrub to bloom in the spring, the pendant golden bells appearing before the leaves.

PURPLE LILAC. An old time favorite that will always remain popular. Flowers have a delicate but unique fragrance.

LILAC, DOUBLE BLUE. Large double flowers of soft blue. Each, 40c; 3 for \$1.00.

LILAC, MME. LEMOINE. A fine free-blooming dwarf lilac bearing great trusses of creamy white double flowers. Each, 50c.

JAPAN BARBERRY. Valuable for hedges or as specimen plants. Drooping yellow flowers followed by bright red berries. Foliage changes to fiery crimson in autumn. This variety, unlike the common Barberry, does not harbor wheat rust and may be planted anywhere. Price, each, 25c, postpaid. By express, 12 for \$2.25; 100 for \$17.50.

IBOTA PRIVET. A fine hardy hedge plant, almost evergreen. May be trimmed as desired. Two-year plants. By express, 12 for \$2.25; 100 for \$17.50.

HARDY VINES.

Prices same as for Hardy Shrubs unless otherwise given

SCARLET HONEYSUCKLE. A splendid climber for porches. Bluish green foliage and bright vermilion trumpet-shaped flowers. Free blooming.

CLEMATIS PANICULATA. The sweetest scented clematis and the easiest to grow. The small, creamy-white flowers are borne in masses completely covering the vine.

VIRGINIA CREEPER. A well-known, hardy, rapid growing vine. The foliage changes in Autumn to brilliant hues of yellow, orange and crimson. Each, 35c; 3 for 90c.



Dorothy Perkins Rose.

ROSES. Price, unless otherwise given, each 30c; 3 for 75c; 12 for \$2.40. Larger plants (2 year old), each 60c; 3 for \$1.70, 12 for \$6.00.

THE HARDIEST ROSES.

A vigorous class needing little protection.

PAUL NEYRON. Massive fragrant flowers, the largest of all roses. Color, clear pink. Blooms first season and all the season. Almost thornless.

WHITE AMERICAN BEAUTY. The finest white rose in cultivation. Splendid long buds and wax-like snowy petals.

GEN. JACQUEMINOT. A magnificent hardy crimson rose, the standard of perfection in this color.

SPECIAL OFFER. One each of the above three finest hardy roses in the larger size for \$1.50, postpaid.

CLIO. Flesh color, shaded in center to rose pink.

MME. MASSON. Unfading red, a constant bloomer.

MAGNA CHARTA. Rose pink blooms of unusual depth.

PRINCE CAMILLE DE ROHAN. Rich dark velvety crimson, almost black when in bud.

HYBRID TEA ROSES.

Hardy with protection. Everblooming.

OPHELIA. Brilliant salmon shading to rose. One of the most fragrant and the very finest for cutting.

KILLARNEY. Bright sparkling pink with large pointed buds. Intensely fragrant.

WHITE KILLARNEY. Like above but pure white.

ETOILE DE FRANCE. Deepest glowing crimson.

SUNBURST. Orange copper and golden yellow.

RED RADIANCE. Pure even unfading red.

LADY PIERRE. Apricot yellow flushed faun and copper.

Free-branching, flowering at the point of every shoot.

HARDY CLIMBING ROSES.

DOROTHY PERKINS. Shell-pink, one of the best.

BLUE RAMBLER. Metallic blue flowers carried gracefully in great clusters.

AMERICAN PILLAR. Large single blossoms of rich pink, borne in wonderful profusion.

MEMORIAL ROSE. Very large single pure white flowers with golden centers. Dark glossy leaves, almost evergreen. One of the hardiest. Much used for covering banks, etc., as well as for trellis work. Large plants only. Each, 60c; 3 for \$1.70.

HOME BEAUTIFUL COLLECTION. Nine finest hardy shrubs and vines in our larger size stock for only \$4.00 by express. At regular prices these would cost \$5.10. 2 Rose Flowering Weigelia, 2 Bridal Wreaths, 1 Butterfly Bush, 1 Dwarf Double White Lilac, 2 Climbing Roses, 1 scarlet Trumpet Honeysuckle Vine.

OLDS' NORTHERN GROWN FRUIT TREES

The varieties we offer on this page are carefully selected for adaptability to northern conditions. Orders will be filled from our Wisconsin Nursery and sent direct from there, not from Madison, at the proper time for planting.

We guarantee that the stock will be true to name, first class and well packed. Those starred (★) are the hardiest varieties. Large trees, such as we furnish, cannot be sent by mail but must go by express or freight, customers paying transportation charges. Prices are for quantities named all of one variety but will furnish 5 at the 10 rate, 50 at the 100 rate. Prices are 20 to 25 per cent lower than last year. Start a new orchard this year.

APPLES.

Prices, all varieties, by express or freight, 4 to 6 foot trees: 60c each; 10 for \$5.50; 100, \$50.00.

SUMMER VARIETIES.

- *Red Astrachan. Large, beautiful crimson.
- *Tetofsky. Medium, yellow striped red, fine for eating.
- Golden Sweet. Large, pale yellow, tender, sweet.
- *Yellow Transparent. Earliest. White, tender, juicy.
- *Lowland Raspberry. Clear white, shaded crimson; most beautiful apple. Fruit of quality. Ideal for home.
- *Duchess of Oldenburg. The well known. Best cooker and very productive. Yellow streaked red. Juicy, rich.
- Lubsk Queen. Most beautiful of all apples.

AUTUMN VARIETIES.

- Fall Orange. Fruit large to very large.
- *Longfield. A Russian variety and one of the best. Tree a strong grower.
- *Patten's Greening. Large, round, slightly flattened. Very hardy.
- *Wolf River. Largest of all, hardy.
- *McMahon. Large, round, almost white with faint blush; very hardy.
- *Dudley, or North Star. Perfectly hardy. Size and appearance of Duchess.
- *Wealthy. Hardy, vigorous and very productive. Good for eating or cooking.

PLUMS.

Prices, 3 to 4 foot trees: 80c each; 10 for \$7.50; 100, \$70.00.

- German Prune. Large, dark purple, good.
- Lombard. Medium, violet red, leading market variety.
- Reine Claude. (Bavey's Green Gage). Very large.
- Forest Garden. Very large, purplish-red, sweet and rich.
- Hawkeye. The tree is hardy, thrifty and an annual bearer. Fruit large, of superior quality, very firm and an excellent shipper.
- De Soto. Medium size, dappled red and yellow. Sweet and juicy. Tree hardy, and productive.
- Hammer. Large size, firm, juicy and delicious.

PROF. HANSEN'S NEW PLUMS.

- Prices, same as above.
- Hanska. Beautiful in appearance, highly colored, rich in flavor. A great acquisition.
- Opata. A cross between the Sand Cherry and the Golden Plum. Bears the second year. Very hardy.
- Sapa. Dark flesh, of fine quality. Five-foot trees at three years bear 1 to 1½ bushels and keep it up.
- Wauneta. Considered now the best of all the famous Hansen plums. Hardy, productive, large fruit of delicious quality.



Delicious, the Popular New Fancy Eating Apple.

WINTER VARIETIES.

- Delicious. Good size, fine quality. Tree hardy. Fine eating. Most popular new variety.
- Golden Russet. Medium, dull russet, rich, crisp, juicy.
- Famuse. (Snow). Medium, deep crimson, flesh white, of best quality. Most popular for eating.
- *Hibernal. Russian; large showy fruit, striped red.
- Jonathan. Medium, red, extra quality.
- Pewaukee. A hardy winter apple; good grower.
- McIntosh. Medium size, dark red, good quality.
- *Northwestern Greening. Hardy, good size. Long keeper.
- Northern Spy. Large, striped, mild, rich flavor.
- Salome. Long keeper, annual bearer, good quality.
- Seek-no-Further. (Westfield). Medium to large, striped.
- *Talman Sweet. Yellow, rich. Best sweet; good keeper.
- Windsor. Large, slightly conical, greenish yellow, good.
- *Scott's Winter. Hardy and a long keeper. Bright red.
- Winter Banana. A beautiful golden yellow apple.

CRAB APPLES.

- Prices, 4 to 6 feet: 60c each; 10, \$5.50; 100, \$50.00.
- Hyslop. Large, deep crimson; most beautiful.
- *Florence. Early and bears well. Fruit large.
- Whitney. One of the largest, splashed carmine, firm, juicy, pleasant, great bearer. Fine to eat.

CHERRIES.

Prices, 3 to 4 foot trees: 80c each; 10 for \$7.50; 100, \$70.00.

- *Early Richmond. An early variety of extreme hardiness bearing large annual crops. Light to dark red, juicy.
- English Morello. Large, dark red, juicy; tree dwarf.
- *Montmorency. Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.
- *Napoleon. Large red and yellow. Sweet, productive.
- Dikeman. From northern Michigan. Fruit large, black, firm. The latest of all sweet cherries. Fine shipper.

PEARS.

Prices, 4 to 6 foot trees: \$1.00 each; 10, \$9.50; 100, \$90.00.

- Bartlett. Large, juicy, great bearer; very popular.
- Clapp's Favorite. Very large, yellow and red.
- Howell. Large, yellow, with red cheek, early bearer.
- Flemish Beauty. Large, juicy, rich; hardiest.
- Seckel. Small, yellowish brown, sweet, juicy.
- Anjou. Large, melting. Best late fall variety.
- Kieffer. Its large size and keeping and shipping qualities make it profitable for market.

OLDS' NORTHERN GROWN SMALL FRUITS

Our Small Fruit Plants are very fine. They will be sent out direct from our Wisconsin Nursery at the proper time for planting in the spring except the strawberry plants which will mostly be sent from our grounds here at Madison. No orders accepted for fall planting. Planting in the fall seldom gives satisfaction and we do not recommend it.

STRAWBERRIES.

Prices, except Everbearing, by mail, postpaid: 10 for 40c; 100 for \$1.65; 1,000 for \$9.50. By express, not prepaid: 10 for 35c; 100 for \$1.50; 1,000 for \$9.00.

Senator Dunlap. Most popular and best all-around variety. The plant is perfect, a rampant runner and very productive. Berries medium to large and very numerous.

Early Ozark. The largest fruiting extreme early variety. Firm sweet berries, dark red. Imperfect plant.

Commonwealth. Immense, bright red berries, having a peculiarly rich aromatic flavor. Late in season and a great yielder. Perfect plant.

General Pershing. New. Finest plants, biggest berries, largest yield. A splendid sort. Plants perfect.

Warfield. Medium size, dark red, very firm and a good shipper. Leading market variety. Imperfect plants.

Splendid. Large size, very productive, excellent quality. Medium to late. Perfect plant.

Gandy. Very late; berries are regular and of even size. Commands a big price when others are gone. Perfect plant.

EVERBEARING STRAWBERRIES.

Prices, by mail: 10 for 65c; 100 for \$3.65; 1,000 for \$30.50. By express: 10, 60c; 100, \$3.50; 1,000, \$30.00.

Superb. The best everbearing variety. Berries all summer until killed by frost: finest flavor.

Americus. Very popular and a good one.

Progressive. Another wonderful berry that bears from June until October.

BLACKBERRIES.

Prices, by mail: 30c each; 10 for \$1.25; 100 for \$7.75. By express: 25c each; 10 for \$1.15; 100 for \$7.50.

Snyder. Hardest and most productive. Best for cold climates. Medium sized fruit.

Eldorado. Berries large, jet black, borne in clusters. Sweet and melting. Most valuable variety.

CURRANTS.

Prices, except Red Cross, by mail: 45c each; 10, \$3.10; 100, \$25.25. By express: 40c each; 10, \$3.00; 100, \$25.00.

Fay's Prolific. The leading market variety. Extra large stems and berries. Uniform in size. Very productive.

White Grape. Very large, yellowish white.

Black Victoria. A strong grower, the largest black.

Perfection. A grand currant, large, of finest quality.

Red Cross. A large, sweet currant. Four-year old bushes, full bearing size, from our grounds at Madison.

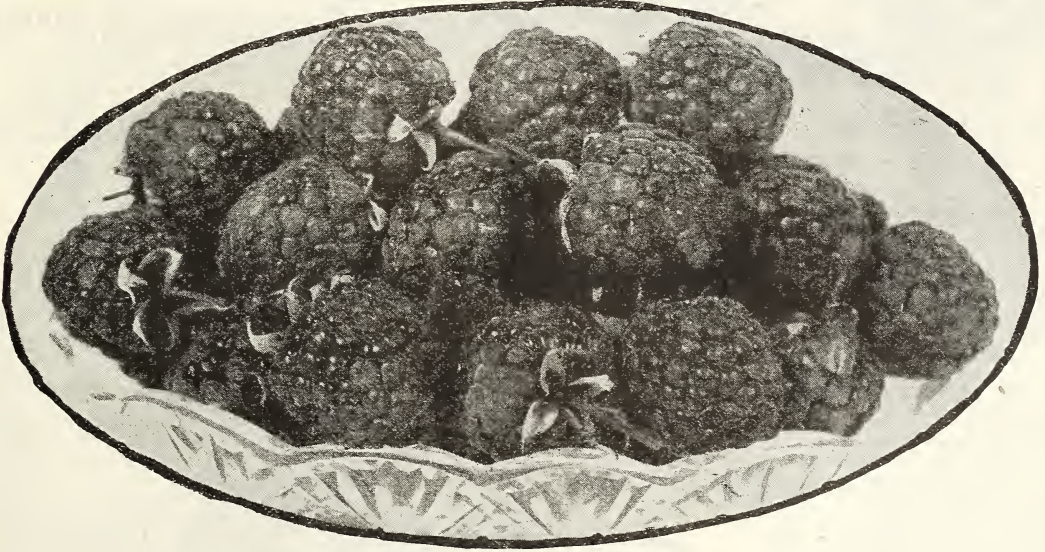
By mail: 65c each. By express: 60c each; 10 for \$5.00.

GOOSEBERRIES.

Prices, by mail: 45c each; 10 for \$3.10; 100 for \$25.25. By express: 40c each; 10 for \$3.00; 100 for \$25.00.

Downing. Most popular and best known. Large fruit.

Houghton's Seedling. A very productive American sort. Fruit of pale red color, very sweet.



St. Regis Everbearing Raspberries.

RASPBERRIES.

Prices, including Everbearing, by mail: 30c each; 10 for \$1.25; 100 for \$7.75. By express: 25c each; 10 for \$1.15; 100 for \$7.50.

ST. REGIS EVERBEARING.

This wonderful raspberry marks a new era with this popular fruit. Every garden should have it. Bears continuously from June until killed by frost in October, provided of course there is sufficient moisture. Large, sweet, red berries, of the very best quality. Plant perfectly hardy and a vigorous grower.

Early King. The earliest red raspberry. Rich crimson berries of best quality and firm enough to ship.

Cumberland. Very productive; fruit enormous; quality unsurpassed. A black cap. The great firmness of the berry makes it a splendid shipper.

Kansas. Jet black, firm and delicious. The hardest black cap known, successfully withstanding the winters.

Columbian. A vigorous grower; canes often ten to fifteen feet in length and over an inch in diameter. Never suckers from the roots. Fruit very large, dark red.

Cuthbert. (Queen of the Market.) Large, conical; deep, rich crimson; excellent quality. A sucker variety.

Golden Queen. Rich golden yellow. Immensely productive; a very strong grower and hardy enough even for extreme northern latitudes.

GRAPES.

Prices, by mail: 45c each; 10 for \$3.10; 100 for \$25.25. By express: 40c each; 10 for \$3.00; 100 for \$25.00.

Campbell's Early. Berries large, glossy black, sweet and juicy. They ripen from the 15th to last of August.

Concord. The well known standard variety.

Brighton. Excellent quality; one of the earliest.

Delaware. Small, round, skin thin, light red; flesh very juicy, sweet, spicy and delicious.

Diamond. The leading early white grape.

Moore's Early. Bunch large, berry large, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market. Its hardiness adapts it to Canada and northern portions of the United States.

Pocklington. Large, light golden yellow; juicy, tender, sweet, with little pulp. Vine thoroughly hardy.

Worden. A splendid grape of the Concord type, larger, better quality and earlier. Hardy and productive.

Niagara. Occupies the same position among the white varieties as Concord among the black.

NEW MINNESOTA HARDY GRAPES.

Prices, by mail: 65c each; 10 for \$4.60; 100 for \$40.25. By express: 60c each; 10 for \$4.50; 100, \$40.00.

Alpha. Much like Concord but earlier and absolutely hardy.

Beta. An ironclad for hardiness and a great bearer.

Hungarian. A hardy black grape, delicious eating.

Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops. Fully guaranteed. Prices are reduced 15 to 20 per cent.

PLANET JR. SEEDERS.

No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow; Complete \$19.50.
No. 4D—Seeder Only, \$15.50.

No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$23.00

No. 31, Combined Drill Seeder and Wheel Hoe (as shown in cut) \$13.00.

No. 31D. Drill Seeder Only, \$10.50.

PLANET JR. HORSE MACHINES.

No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below.....\$19.50
No. 9 Combined Horse Hoe & Cultivator\$17.00
No. 82 Combined Horse Hoe & Cultivator (Seven-tooth instead of five. New popular machine).....\$19.00
No. 100 Plain Cultivator with Wheel.....\$10.50
No. 101 Plain Cultivator with Wheel and Depth Regulator \$12.50
No. 107 Seven Tooth Plain Cultivator ..\$15.00
No. 91 Twelve-Tooth Harrow \$15.00

NO. 8 PLANET JR. HORSE HOE.

MIDGET SEEDER.

A popular little seeder practical for the home garden. Will drill accurately almost any kind of seed from the smallest up to peas and beans. May be easily attached with one bolt to any wheel cultivator if desired.

Price, With Handle \$4.50.

PLANET JR. WHEEL HOES.

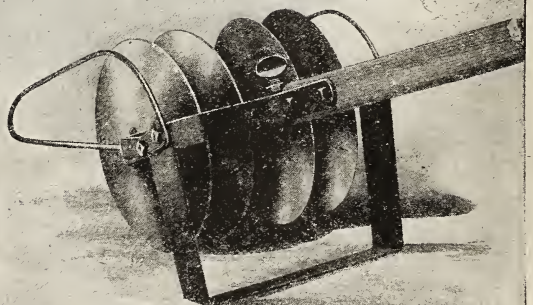
No. 12 Double Wheel Hoe, Cultivator and Plow..\$12.50
No. 13 Double Wheel Hoe, (Hoes only)\$9.00
No. 17 Single Wheel Hoe, (Hoes, Rakes & Plow)\$8.75
No. 17½ Single Wheel Hoe, (Hoes and Rakes)\$7.60
No. 19 Wheel Hoe \$6.75

NO. 12 DBL. WH. HOE.

No. 119. PLANET JR. GARDEN FLOW AND CULTIVATOR.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, fur-

rowing, covering, cultivating deep or shallow, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$6.50.



PERFECTION GARDEN CULTIVATOR.

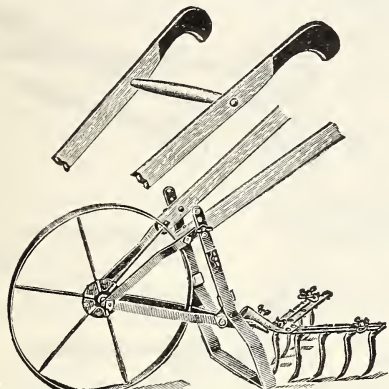
Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand cultivators. It does the weed killing, cultivating and mulching at one process. The stiff wire leaf guards keep the tops away.

Made in three sizes, as follows:

No. 1—6 inch, for lettuce \$4.50
No. 2—8½ inch, the standard size \$5.50
No. 3—11 inch, for rows 14 inches apart and over \$5.50

The **PULL-EASY** Adjustable Garden Cultivators

Ask for Illustrated "Pull-Easy" Folder.



No. 2 Pull Easy Wheel Cultivator.

NO. 2 PULL EASY WHEEL CULTIVATOR.

Instantly adjustable for cultivating rows of any width from 6 to 18 inches. Frame can be raised or lowered to suit the operator. Light and easily handled, weighing only 12 pounds complete.

This tool has a keen edged high carbon tool steel weed cutter 9 inches wide. Under most conditions both cultivator and weed cutter can be used at the same time. The cultivator can be quickly detached, put on a hoe and used as a hand tool. Wheel 14 inches in diameter. Price, 4.50.

NO. 5 PULL EASY WHEEL CULTIVATOR.

The same as No. 2 as shown in the illustration except that the cultivator has 5 teeth instead of 9. Equipped with same weed cutter, 14 inch wheel, plow handles, etc. A very satisfactory tool. Price, \$4.25.

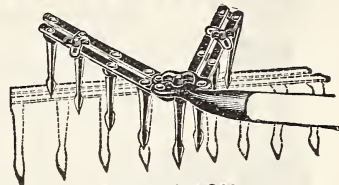
NO. 1 PULL EASY JUNIOR CULTIVATOR.

This tool has a short 10-inch handle as shown in the cut and is designed for careful close work in flower beds or around bushes and low-spreading plants. Adjustable from 2 to 6 inches wide. Price, 60c; by mail, 70c.

NO. 4 PULL EASY JUNIOR CULTIVATOR.

The same as No. 2 but with a 4 foot handle. Designed especially for women and children to use in vegetable gardens. A big favorite in school garden plots.

Price, 75c.
Not mailable.

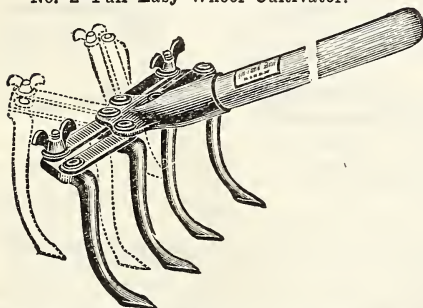


PULL EASY CULTIVATOR RAKE.

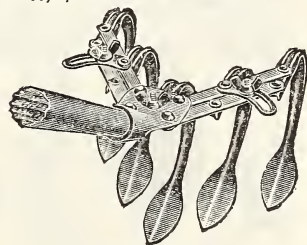
At full width of 18 inches this is better than an ordinary rake for preparing the seed bed, because of the sturdy, long teeth. When vegetables are small the middle tooth may be quickly removed for straddling plants and working two rows at once.

By means of wide-winged thumb nuts at ends of parallel bars, it is changed for cultivating in one stroke for any width of row from 7 to 18 inches. 4½-foot handle.

Price, \$1.50. Not mailable.



No. 1 Pull Easy Junior Cultivator.



PULL EASY CULTIVATOR HOE.

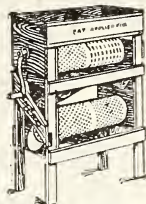
Combines the convenience of the popular 5-prong style with the additional advantage of the great PULL EASY adjustable feature. Teeth are 9 inches long and very broad and strong. Adjustable in width from 6 to 12 inches. Middle tooth removable.

Price, 4-foot handle, \$1.25.

HERO CORN GRADER.

A Corn Grader that is a real grader. You cannot grade seed corn and do a good job with a fanning mill. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

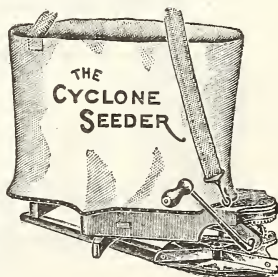
Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$14.00.



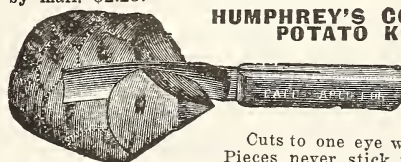
Corn Grader.

CYCLONE SEEDER.

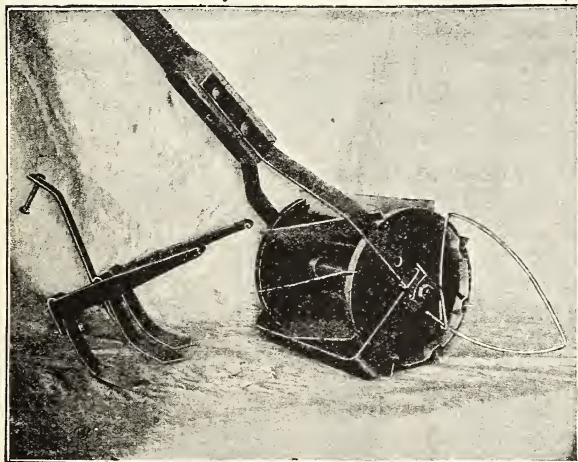
The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. Flow can be started or stopped instantly by touching a lever. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains. Price, \$2.00; by mail, \$2.25.



HUMPHREY'S CONCAVE POTATO KNIFE.



Cuts to one eye without injuring. Pieces never stick together. Price, 30c; 3 for 75c, postpaid.



BARKER WEEDER, MULCHER AND CULTIVATOR

— 3 TOOLS IN ONE —

Makes Gardening Easy and Insures Best Yields.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

No. 6D. 6-Inch Cut, for lettuce, \$9.25.

No. 8½D. 8½-Inch Cut, for onions \$10.60.

No. 10D. 10-Inch Cut, best for most crops, \$11.75.

No. 11D. 11-Inch Cut, for beets and rutabagas, \$12.60

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, on weeding, mulching and cultivating, mailed free on request.



"Norcross" Cultivator--Hoe and Weeder

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.

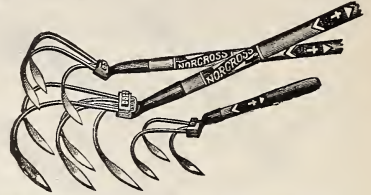
The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

THREE SIZES AND PRICES.

5-prong, 4 foot handle, wt. 3 lbs. \$1.00
3-prong, 4 foot handle, wt. 2 lbs. 75c.
"Midget," 9 inch handle, wt. 12 ounces. 40c.
(Midget by mail, prepaid, 45 cents. Other sizes not available.)



PRICES OF MAGIC WEEDER HOES.

Style	By Mail	By Exp.
A. 3-Tine Hand Weeder	20c.	15c.
B. 18-Inch Handle	30c.	25c.
C. 4-Tine, Adjustable Width	40c.	35c.
D. With 1½-Inch Blade	50c.	45c.
E. With "V" Blade	50c.	45c.
F. 4-Tine, 42-Inch Handle		75c.
G. 48-Inch Handle, Strong & Heavy		1.00
H. 48-Inch Handle, 3-Inch Blade		1.25
K. 48-Inch Handle with "V" Blade		1.25

(Long Handled Hoes not available.)

PAPER FLOWER POTS.

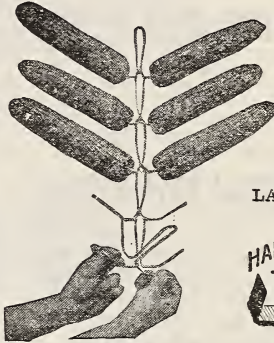
Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and less expensive.

	By Mail	By Exp.	or Freight
	25	100	25 100 1000
2¼-inch	\$0.20	\$.55	\$.15 \$.45 \$3.70
2½-inch	.25	.65	.20 .55 4.30
3-inch	.30	.85	.25 .70 5.85
3½-inch	.35	1.10	.30 .90 7.60
4-inch	.45	1.25	.40 1.15 9.50
5-inch	.70	2.10	.55 1.80 14.80
6-inch	.90	2.85	.70 2.40 19.80

PAINTED POT AND GARDEN LABELS.

	By Mail	By Express
	25 100	25 100 1000
Painted Labels 4x 5/8 inches	\$1.10	\$3.30
Painted Labels 6x 5/8 inches	.15	.45
Painted Labels 8x 5/8 inches	.30	1.05
Painted Labels 10x 5/8 inches	.25	.85
Painted Labels 10x 7/8 inches	.45	1.30
Painted Labels 12x1 1/8 inches	.50	1.55
		.40 1.30 12.00

(Tools and miscellaneous items are not available unless a mail price is quoted. Have these small things shipped with your seed order and the additional freight will be practically nothing.)



Interstate Corn Dryers. Made in small sections, each section holding two ears only, so that they are easily and quickly hung up, one section on another and may be stored away in close, compact form at the end of each season.
Price: One Carton of 200 Sections (enough for 400 ears) \$4.00; 5 Cartons, \$19.00; 10 Cartons, \$37.50.
(Ask for Interstate circular for further description.)

STEEL BOW.
GARDEN RAKE.
14-Tooth. \$1.15



LAWN RAKE, 24-Tooth. 60c.



Price, 20c; by mail, 25c.

7½-in. Shank
Hoe .. \$1.00
7½-in. Socket
Hoe .. \$1.10
Sugar Beet
7½-in. Hoe \$1.10

Spading Fork.
Light \$1.50
Heavy 1.75

Steel Garden Trowel,
Heavy, 20c each; by mail
25c.
Light, 15c each; by mail
20c.

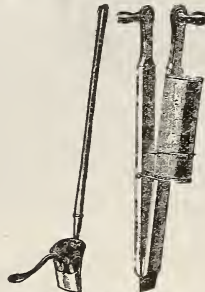
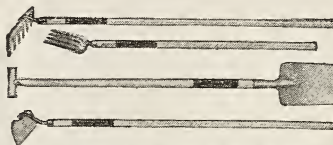
Transplanting Trowel.
Heavy, 25c each; by mail
30c.
Light, 15c each; by mail
20c.

Garden Spading Fork.
20c each; by mail, 25c.

4-PIECE GARDEN SET.

(For the boys and girls.)
Steel 5¼ inch Hoe, with 30 inch handle. Steel 5¼x3¾ inch Shovel, 26 inch handle. Malleable iron 7 tooth Rake, 30 inch handle. Malleable 4 tooth Fork, 18 inch handle.

Price, the set, 75c



ACME POTATO PLANTER.

The original hand potato planter. Price \$1.10.

ACME CORN PLANTER
Simple, durable and accurate.

Price, plain, \$1.10; with Pumpkin Seed Attachment, \$1.25.



INVINCIBLE POTATO PLANTER.

Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$2.00.
Extra Springs for Invincible, 10c each.

OLDS' COMMERCIAL FERTILIZERS

Why Use Fertilizers?

Did you ever stop to figure what a lot of work it takes to grow a bushel of corn? Suppose the yield of one of your fields is at the rate of sixty bushels per acre. If you count off 58 hills and husk out the ears, you will find that you have about a bushel. Then go over to a field where the soil produces only a thirty-bushel crop. You will find when you have husked out a bushel there, that you have gone over about 116 hills—58 more than were needed in the other field. Big yields of corn or of any crop pay better. Fertilizers increase yields and profits when properly used.

What Are Fertilizers?

Fertilizers contain three plantfoods—ammonia, phosphoric acid and potash. Some fertilizers contain all three of these; some have only two, while others contain but one plantfood. This variation gives you a chance to select the fertilizer which will fit the conditions on your farm.

NITROGEN OR AMMONIA.

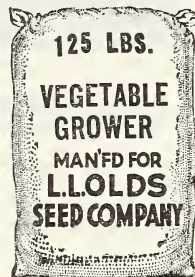
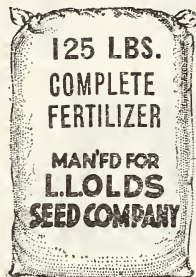
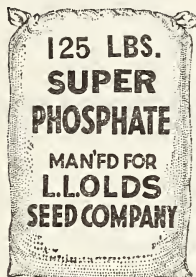
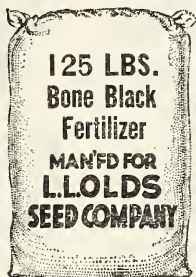
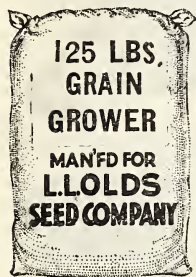
Fertilizer nitrogen enables the plant to get a quick start and carries it along through a critical period. It promotes leafiness, and gives a dark green color to foliage.

PHOSPHORIC ACID.

Phosphoric acid helps fill the grain or fruit and hastens ripening. Cereals are especially heavy feeders on this plantfood. Most soils respond profitably to a fertilizer containing phosphoric acid.

POTASH.

Potash strengthens the straw or stalk, increases starch and sugar formation and makes for a better quality. Potatoes, root crops, and most truck crops use potash in large quantities.



GRAIN GROWER. (0-12-2) A fertilizer adapted to black soils rich in nitrogen. It encourages the growth of stiff straw and makes large, plump kernels and well filled heads, 125 lbs., \$2.25; 1,000 lbs., \$17.25; 2,000 lbs., \$34.00.
BONE BLACK FERTILIZER. (2-8-2) For lawns and grass lands. Mix thoroughly with the soil before seeding at the rate of twenty pounds to 1,000 square feet. As a top dressing on established sod use ten pounds per thousand square feet. 10 lbs., 30c; 25 lbs., 65c; 125 lbs., \$2.60; 1,000 lbs., \$19.50; 2,000 lbs., \$38.50.

SUPER-PHOSPHATE. (0-16-0) For use in supplementing farm manure. Use 50 pounds to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$1.90; 1,000 lbs., \$14.50; 2,000 lbs., \$28.50.

COMPLETE FERTILIZER. (1-10-1) This is our biggest seller for corn and sugar beets. Increase your corn crop and hasten its maturity by using this brand. 125 lbs., \$2.30; 1,000 lbs., \$17.75; 2,000 lbs., \$35.00.

VEGETABLE GROWER. (2-8-5) A highly concentrated fertilizer for potatoes, truck and garden crops. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 10 lbs., 35c; 25 lbs., 75c; 125 lbs., \$2.75; 1,000 lbs., \$21.00; 2,000 lbs., \$41.50.

PEAT LAND SPECIAL. (0-10-10) For marsh lands rich in nitrogen but lacking potash. 125 lbs., \$2.75; 1,000 lbs., \$21.00; 2,000 lbs., \$41.50.

NITRATE OF SODA. (18-0-0) Not a substitute for other manures but the cheapest form of applying nitrogen to plants. 125 lbs., \$5.25; 1,000 lbs., \$40.00; 2,000 lbs., \$79.50.

(Our Fertilizers are put up in 125 pound sacks. The analysis figures refer to the percentage in each brand—first, of ammonia, second, of available phosphoric acid, third, of potash.) (Prices are subject to change. Write for prices.)

BEAUTIFUL ILLUSTRATED BULLETINS for those interested.
 Alfalfa and Its Culture.
 Vetch and Its Culture.
 Seeding to Grass and Clover.
 Winter Wheat and Its Culture.

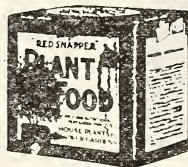
Corn and Its Culture.
 Important Factors in Potato Production.
 How to Make Money with Fertilizers.
 (Ask for the ones wanted.)

VALUABLE LITTLE BOOKLETS FREE:
 How to Get a Crop of Alfalfa.
 How to Get a Crop of Potatoes.
 How to Get the Most out of Fertilizers.

PULVERIZED SHEEP MANURE

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure. Convenient to use and handle and very effective. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.
 Prices: 1 lb., 15c; by mail, 20c; 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.00; 1,000 lbs., \$17.00.

(Ask for folder "The Ideal Fertilizer," telling how to use different crops.)



RED SNAPPER PLANT FOOD.—Wonderfully rich, very nutritious, yet harmless fertilizer for plants. Its effect can be noticed within a few days after the first application. Color of foliage becomes a darker green and flowers and blossoms take on a beauty of coloring. Is made from the head bones and nitrogenous cartilage of the Red Snapper fish, dried under intense heat, mixed with other organic plant foods. Sterilized, clean and sanitary, and can be used in the finest homes and conservatories, as well as outside.
 Prices: 10 ozs., 25c; by mail, 30c; 2 lbs., 50c; by mail, 60c; 5 lbs., \$1.00; by mail, \$1.25.



sheep manure with

STIM-U-PLANT

STIM-U-PLANT TABLETS are odorless, highly concentrated, with guaranteed analysis of 11% nitrogen, 12% phosphoric acid, 15% potash. Proportions are exact, no unnecessary filler.

These tablets increase production, heighten color and improve quality. Easy to use. Simply insert tablet in soil near base of plant every 10 days, or four tablets in a gallon of water. Complete directions with every package.

Prices: 10 large tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50, postpaid.

STERLINGWORTH PLANT TABLETS

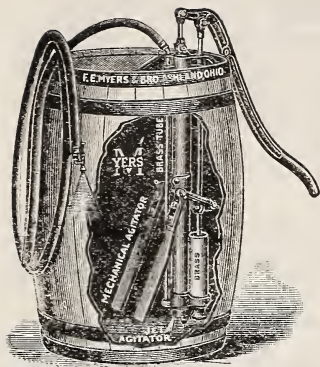


PLANT TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 tablets, sufficient for 10 house plants 3 months. 10c; 100 tablets, regular size box, 25c; 250 tablets, 50c, postpaid.

POWDERED TOBACCO. For aphids, fleas, beetles, etc. 1 lb., 20c; by mail, 30c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$5.00.





Myers Barrel Spray Pump



Bucket Spray. Bordeaux nozzle, \$5.00.



New Easy Sprayer. A large hand sprayer holding one gallon. One filling will spray 550 potato hills. Galvanized, \$4.00.

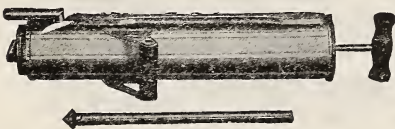


Lenox Sprayer.



FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves. Price, \$1.00; by mail, \$1.10.



DUSTER BROWN.

MYERS BARREL SPRAY PUMP.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches long, has a good leverage, easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$15.00.

(Price does not include barrel.)

BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Price, Complete with hose and Bucket Spray. Bordeaux nozzle, \$5.00.

PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. For use on Plants, Bushes, Vines, Hen Houses, etc. Tank 7½ in. by 20 in., lock seamed with twenty-four rivets. Capacity 4 gallons. With automatic shut-off nozzles.

Price, Galvanized, \$7.00. Brass, \$10.00.

Perfection Double Row Attachment. (For spraying two rows potatoes at once.) With extra nozzle, \$2.50. Extra Perfection Nozzle, \$2.00.

AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of ½-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock....\$9.00

No. 1-B, Brass tank with Auto-Pop.... 9.50

No. 1-C, Galv. tank with Stop Cock..... 6.00

No. 1-D, Galv. tank with Auto-Pop..... 6.50

Brass Extension, 2 foot50

Galvanized Extension, 2 foot40

LINOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap) 60 cents postpaid.

SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows and Porches.

Plants are kept healthy and fresh the year round by absorbing the exact amount of water they require from below and allowing a perfect circulation of air to pass up through the soil.

Model A, 23 inch Flower Box.....\$3.00

Model B, 29 inch Flower Box..... 4.00

Model C, 35 inch Flower Box..... 4.50

Model D, 41 inch Flower Box..... 5.00

ADJUSTO PLANT SUPPORT.

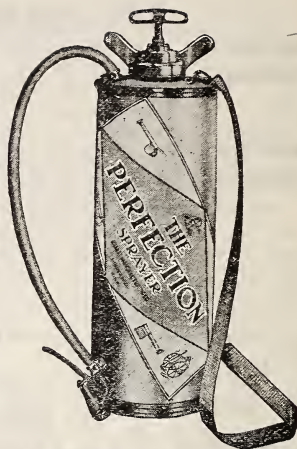
An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest wire, also painted green to prevent rust. Can be adjusted to any height.

Indispensable for Roses, Dahlias, Tomatoes, Potted Plants, etc. With 3 ft. stake, 20c each; doz. \$1.75 With 4 ft. stake, 23c ea.; doz. 2.00 With 5 ft. stake, 25c ea.; doz. 2.25

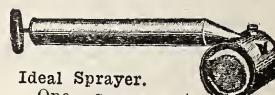
DUSTER BROWN.

A double acting continuous dust gun for use in dusting small trees, garden truck and for general use.

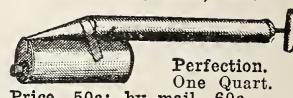
Price, \$2.00; by mail, \$2.10.



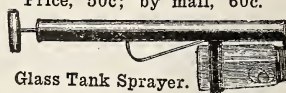
Auto Spray, No. 1.



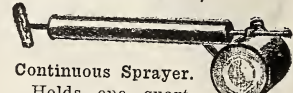
Ideal Sprayer. One quart. Price, 50c; by mail, 60c.



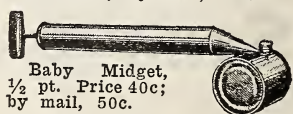
Perfection. One quart. Price, 50c; by mail, 60c.



Glass Tank Sprayer. With Quart Mason fruit jar, 70c. (Not mailable.)



Continuous Sprayer. Holds one quart. Price, 80c; by mail, 90c.

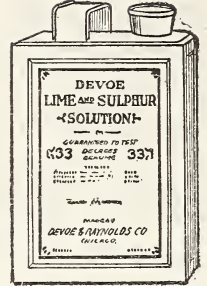
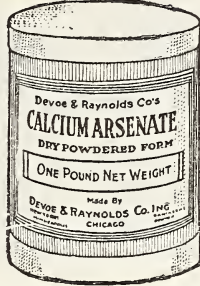
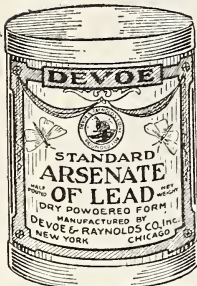


Baby Midget, ½ pt. Price 40c; by mail, 50c.



Dust Blow Sprayer. For applying poison and disinfectants in powder form. Price, 80c; by mail, 90c.

INSECTICIDES AND FUNGICIDES



PURE PARIS GREEN. A strong effective poison for potato bugs, tobacco and other leaf eating insects. Prices: ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.25; 14, 28 and 56 lb. pails (subject to change) at 40c per pound. Not mailable.

ARSENATE OF LEAD POWDERED. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: ¼ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$7.50; 100 lbs., \$27.00. Not mailable.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and just as effective. Sticks to the leaves. One application lasts a long time. Prices: ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.85; 10 lbs., \$3.25; 25 lbs., \$6.75; 100 lbs., \$24.00. Not mailable.

"SURE NOXEM." For use on cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills insects of all kinds. Pound carton (sifter top) 20c.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid: Can be used just as needed. Prices: 1 lb., 40c; 5 lbs., \$1.60; 10 lbs., \$2.90; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$20.50. Not mailable.

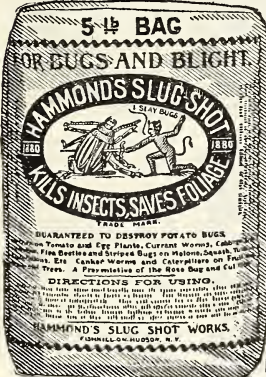
LIME SULPHUR. Best of all sprays for fruit trees. Recommended by all Experiment Stations. Our Devoe stock is guaranteed to test 33 degrees Beaume and is free from insoluble matter. Prices: Qt., 50c; 2 qts., 70c; gal., \$1.15; 5 gals., \$5.00; 30 gals., \$14.00; 50 gals., \$19.50. Empty barrels returnable. \$2.50 each allowed for 50-gallon barrels, \$2.00 for 30-gallon, freight paid to Madison.

ARSENITE ZINC POWDERED. For killing potato bugs. Prices: 25 lbs., \$7.50; 50 lbs., \$14.50.

FORMALDEHYDE. For preventing smut in grain and scab in potatoes, etc. Ask for 32-page bulletin. Price, per pint, in sealed bottles, 40c. One pint will treat 40 bushels. Not mailable.

CUT WORM KILLER. 1 lb. box (sufficient for 175 plants), 30c.

NOTICE. All of the above are poisons and are not mailable. We have separate free booklets on nearly all.



HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy.

Prices: 1 lb. tin canister with perforated top, 35c; by mail, 45c; 1 lb. carton with perforated top, 20c; 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.50; 125 lb. keg with duster \$11.00; 250 lb. barrel with duster \$20.50. Not mailable, except in pound canisters.

BLACK LEAF 40



A powerful and effective liquid insecticide, for use against aphids, thrips, leafhoppers and other soft bodied sucking insects. Recommended by Experiment Stations and Entomologists. Use by simply adding water.

Prices: 1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.75; 10 lbs., \$15.50. Not mailable.

SULPHO-TOBACCO SOAP.

A powerful agent for the destruction of all bugs and insects.

3-oz. Cake (makes 1½ gals solution), 10c; by mail, 13c; 8-oz. Cake, 20c; by mail, 25c.



ENOZ MOTH LIQUID.

A standard article used by woolen goods manufacturers and dealers and furriers. Needed in every household in the country. Completely rids the premises of the moth evil. Moth balls, camphor, cedar chests, etc. are only makeshifts.

Prices: Pint, \$1.00; qt., \$1.75; Not mailable. Enoz Improved Moth Sprayer, \$1.00.



BUG DEATH.

An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy.

Prices: 1 lb. carton with perforated top, 20c; by mail 30c; 3 lbs., 40c; 5 lbs., 60c; 12½ lbs., \$1.40; 100 lbs., \$8.75. Not mailable except in pound cartons.

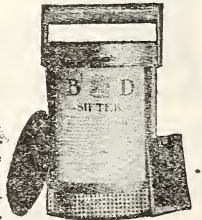
BUG DEATH APHIS. For sucking insects. Particularly for use on fruit trees, berry bushes, and house plants.

Prices: 12 oz. pkg., 20c; by mail, 30c; 80 lb. keg, \$8.75.



BUG DEATH DUSTER. Price, 50c. By mail, 60c.

BUG DEATH SIFTER. For applying Bug Death and Slug Shot dry. Price, 75c; by mail 85c.

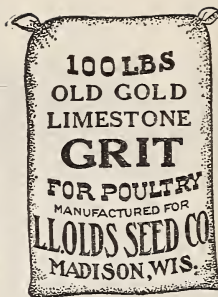
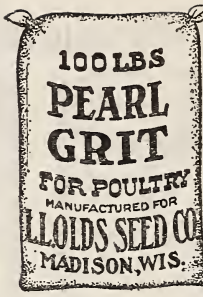
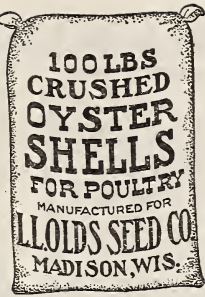


Pyrox

PYROX is a powerful fungicide, controlling fungous diseases, even some serious ones that other fungicides do not control. A strong poison insecticide, killing chewing insects, even those which are hard to kill, like the hard-shelled potato beetle. It saves labor; it is easy to use; simply mix with cold water and spray. It helps to increase yields; the proper fungicide in Pyrox stimulates the leaves, makes them greener and more vigorous and helps to increase yields even when there is no disease. Ask for a copy of the new Pyrox Spray Guide, which tells how, when and what to spray.



Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., 5.75.



OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, kafir corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.

Prices: 10-pound sack, 25c; 100-pound sack, \$2.10; 3 sacks at \$2.00. Special prices in quantity. (With sprinkling of grit 10c per 100 pounds less).

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc.

Prices: 10-pound sack, 25c; 100-pound sack, \$2.25; 3 sacks at \$2.15. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

OYSTER SHELLS. 100-lb. sack, \$1.30; 3 sacks at \$1.25.

CLAM SHELLS. 100-lb. sack, \$1.10; 3 sacks at \$1.05.

MICO SPAR GRIT. 100-lb. sack, \$1.25; 3 sacks at \$1.20.

PEARL GRIT. 100-lb. sack, \$1.00; 3 sacks at 95c.

OLD GOLD LIMESTONE GRIT. 100 lbs., \$1.00; 3 sacks at 95c.

SWIFT'S MEAT SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week one ounce to each fowl.

Prices: 10 lbs., 65c; 25 lbs., \$1.40; 50 lbs., \$2.65; 100-pound sack, \$5.00; 3 sacks at \$4.90.

PRATT'S BABY CHICKFOOD

For the first three weeks.

Prices: 2½ lbs., 25c; by mail, 40c; 5½ lbs., 50c; 14 lbs., \$1.00; 25 lbs., \$1.50; 100 lbs., \$5.35.

SWIFT'S POULTRY BONE.

Prices: 25 lbs., \$1.20; 50 lbs., \$2.25; 100 lbs., \$4.10.

Sizes, medium, fine and meal.

MEAT MEAL. (Tankage).

25 lbs., \$1.00; 100 lb. sack, \$3.50; 3 sacks at \$3.40.

ALFALFA MEAL.

The ideal food for mashers.

100-pound sack, \$2.45.

GROUND CHARCOAL.

50-lb. sack (two sizes) poultry and chick), \$1.80; 100 lbs., \$3.50.

POULTRY GRAIN.

(Prices are subject to change. Write for "Weekly" Price List.)

	Per 100 lbs.
Feed Wheat	\$2.50
Cracked Wheat	2.65
Kafir Corn	1.70
Cracked Corn, coarse	1.60
Cracked Corn, fine	1.70
Sunflower	6.00
Feed Millet	2.25
Hulled Oats	3.50

CONKEY'S BUTTERMILK STARTING FEED.



Prices: 2½ lbs., 25c; by mail, 40c; 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.35.

CONKEY'S BUTTERMILK GROWING MASH.



Prices: 10 lbs., 60c; 25 lbs., \$1.30; 100 lbs., \$4.50.

CONKEY'S BUTTERMILK LAYING MASH.



Prices: 10 lbs., 40c; 25 lbs., \$1.15; 100 lbs., \$4.00.

Blatchford's "Fill the Egg Basket" Egg Mash



Prices: 25 lbs., \$1.10; 100 lbs., \$3.80.

Blatchford's Rabbit Meal. 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.25.

BLATCHFORD'S CHICK MASH

Will Save your Baby Chicks

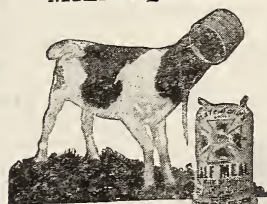
No more Bowel Trouble, Leg Weakness or White Diarrhea. Try a bag of this complete milk substitute for all kinds of young poultry. Grows — matures — fattens. Contains no drugs. Every bit food.



2½ lbs. at 8 weeks!

Prices: 4 lbs., 40c; 25 lbs., \$1.40; 100 lbs., \$4.85.

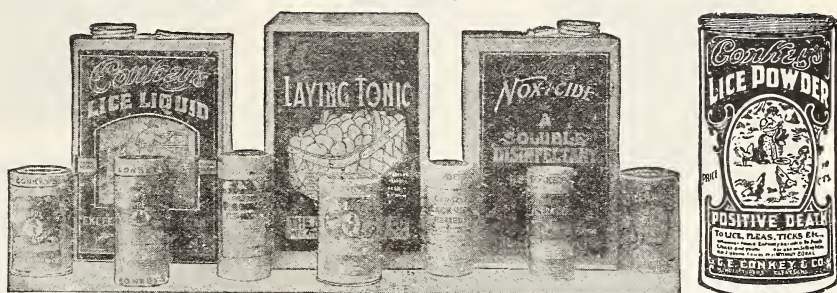
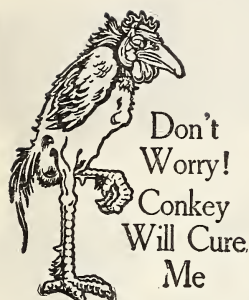
Blatchford's Calf Meal THE COMPLETE MILK-EQUAL



100 pounds make 100 gallons of Complete Milk Substitute. Prices: 25 lbs., \$1.45; 50 lbs., \$2.70; 100 lbs., \$5.00.

Just the thing to raise or veal your calves right from birth. Then sell your milk and get the benefit of the high creamery prices. It is absolutely the only milk substitute that contains all the elements necessary for rapid and healthy growth.

CONKEY'S REMEDIES.



Roup Cure. For sneezers. 25c, 50c and \$1.00, postpaid.
Roup Pills. For Roup, Colds, Catarrh, etc. 25c, postpaid.
Bronchitis Remedy. 50c. Postpaid, 55c.
Canker Special. Checks canker; 50c. Postpaid, 55c.
Gape Remedy. Cures and prevents; 50c. Postpaid, 55c.
Limber Neck Remedy. 50c. Postpaid, 55c.
Scaly Leg Remedy. 25c. By mail, 30c.
White Diarrhoea Remedy. 25c and 50c, postpaid.
Head Lice Ointment. 10c and 25c, postpaid.
Poultry Worm Remedy. 25c, postpaid.
Cholera Cure. 25c and 50c, postpaid.
Lice Liquid. Qt., 60c; 2 qts., 90c; gal., \$1.50

Lice Powder. 5 oz., 10c; by mail, 15c; 15 oz., 25c; by mail, 30c; 48 oz., 50c; by mail, 75c; 12 lb. pail, \$1.40; 25 lb. pail, \$2.75.
Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 12 lbs., \$1.60; 25 lbs., \$3.00.
Noxicide. A wonderful disinfectant and germicide. Pt., 45c; qt., 70c; 2 qts., \$1.15; gallon, \$1.80. Not available.
Sulphur Fumigating Candles. 10c each. By mail, 15c.
Poultry Book. Filled with the best kind of information. Price, 50c, or free on request with orders amounting to \$1.00.
Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25.

PRATT'S REMEDIES.



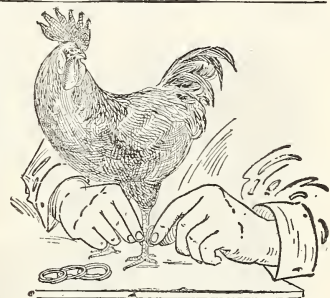
PRATT'S POULTRY REGULATOR.

Insures quick growth and freedom from disease.
25 lbs., \$3.00; 12 lbs., \$1.40; 9 lbs., \$1.10; packages, 50c and 25c; 65c and 35c, postpaid.
Pratt's Roup Remedy, 25c and 50c, postpaid.
Pratt's Cholera Remedy, 25c, postpaid.
White Diarrhoea Remedy, 25c and 50c, postpaid.
Poultry Disinfectant. Kills disease germs. Qt., 55c; 2 qts., 95c; gal., \$1.60. Not available.
Powdered Lice Killer. 5 ozs., 12c; by mail 17c; lb., 25c; by mail 30c; 2½ lbs., 50c; by mail 60c.
Condition Tablets. A splendid tonic. 25c, postpaid.

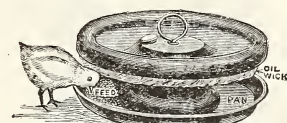
Lee's Germozone. A famous remedy. 75c. Not available.
Lee's Germozone Tablets, 65c, postpaid.
Zenoleum. A popular cure for poultry and stock. 8 ozs., 35c; pt., 50c; qt., 75c; 2 qts., \$1.25; gal., \$2.00.
Carbolineum. Used for four distinct purposes—preserving wood, killing chicken mites, keeping flies from horses and cattle and preventing crickets from destroying binder twine. Ready for use. Gallon can, \$1.50; 5 gals., \$6.50.

SPIRAL LEG BANDS.

(Celluloid). Most popular style of leg band. Assorted colors, light blue, dark blue, red, pink and yellow. Three sizes, Asiatic, American and Leghorn, 12, 18c; 25, 30c; 100, 85c. Postpaid.



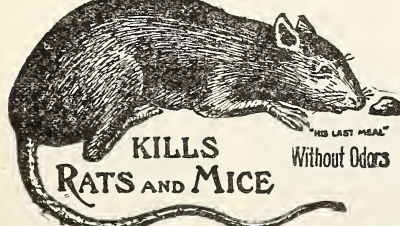
COLORED VICTOR. Made of aluminum, celluloid numbers; colors—red, blue, yellow, green and white. 12 for 60c; 25 for \$1.10; 100 for \$4.00, postpaid.
Double Clinch Leg Bands; 12 for 18c; 25 for 30c; 100, 80c, postpaid.
Eclipse Leg Bands. Same prices as Double Clinch.
Smith Sealed Leg Bands; 12 for 35c; 25 for 60c; 100 for \$1.75. Sealers, for Smith Sealed, 60c.
Leader Adjustable Leg Bands. 12 for 18c; 25 for 30c; 100 for 80c.



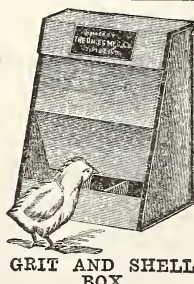
AUTOMATIC CHICK GREASER. Every chick his own doctor. As he eats out of the pan his head is thoroughly greased. Price, \$1.00; by mail, \$1.15.

Petty Poultry Punch: 25c, postpaid.

RAT CORN

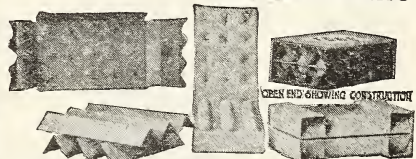


RAT CORN kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.



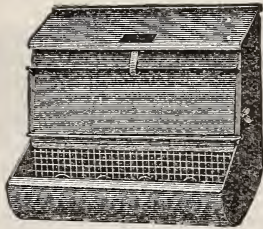
GRIT AND SHELL BOX.
For grit, shells and charcoal. Made of galvanized steel with 3 compartments. Chick size, 75c; Poultry size, \$1.10.

DIAMOND PARCEL POST EGG CARRIERS.



Ship eggs without breaking. Safe delivery by parcel post absolutely assured.

	BY MAIL		BY EXPRESS	
	Each	Each	Doz.	100
1 doz. size ...	\$.45	\$.35	\$3.60	\$27.20
2 doz. size ...	.60	.50	5.25	39.40
3 doz. size ...	.75	.60	6.80	51.25
4 doz. size ...	.95	.80	8.75	65.65
15 egg size ...	.45	.35	3.75	28.00
25 egg size ...	.60	.50	5.50	41.25
30 egg size ...	.70	.55	6.00	45.00



Improved Handy

AUTOMATIC CHICK FOUNTAIN. Feeds water, grain, grit, etc., automatically. Made to fit fruit jar. Price, 15c each; by mail, 20c.

(Price does not include jar.)

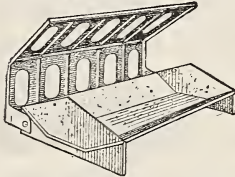
PORCELAIN NEST EGGS. Made of flint glass. 5c each; dozen 35c; by mail, 50c.

NAPHTHALENE NEST EGGS. Almost an exact imitation of the real hen's egg. 10c. each; dozen 75c; by mail, 90c.

Eyrie Shipping Coops. Single Bird, 40c. Pair, 65c. Trio, 80c.



SELF-LOCKING EGG CARTON. Locks automatically. 12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.



IMPROVED HANDY HOPPER.

Provided with a hinged lid over both hopper and trough, making it rat and mouse proof as well as dirt proof. Has swinging front adjustable to suit any kind of dry mash.

- No. 1 (12 inches) \$1.75
- No. 2 (18 inches) 2.25
- No. 3 (24 inches) 2.50
- No. 4 (36 inches) 3.75

Bar Nun Hopper. A popular hopper put out by the Blatchford Calf Meal Co. Capacity 8 quarts. Price, \$2.75.



Chick Fountain.

MCCANDLISH CHICK FEEDER. Something new. The latest in little chick feeders. Also used for drinking. Made entirely of galvanized iron. Safe—Sanitary—Saving. Made in three lengths. 12 inch, 40c; by mail 50c; 20 inch, 50c; by mail 60c; 30 inch, 75c; by mail, 85c.



Self-Locking Egg Carton.

CYMACO CHICK TROUGH

A new style for dry mash, grain or grit and also for water. Made of galvanized metal with hinged cover.

- No. 10—10 inch, 35c; by mail, 40c.
- No. 20—20 inch, 50c; by mail, 55c.

Cymaco No. 10, Open. Prices on this page do not include postage unless offered by mail.

L A W N PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal throughout. Sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies.

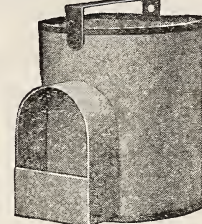
Price, reduced, \$4.00.

Special prices in quantity.

"BABIE CHICK" FEEDER Conserves feed. Protects and accommodates 40 to 50 chicks.



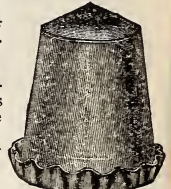
Price, \$1.50.
By mail, \$1.75.



Sanitary Wall Fountain

et or can, and a stamped pan which forms the base and the trough from which the

fowls drink. The cone-shaped bucket prevents fowls from roosting on it.



2-Piece Fountain

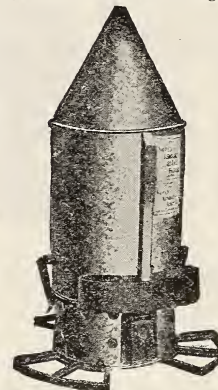
NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.

Most perfect device for automatically supplying pure fresh water at all seasons of the year. The construction of the fountain is such that it is absolutely impossible for the birds to contaminate the water. Guaranteed frost proof at 10 degrees below zero.

Price, complete \$6.00.
COLUMBUS FREEZELESS FOUNTAIN.

A new style. Built like a fireless cooker. Holds 3 gallons water. Price \$3.75.

Metal Nests, 75c each.
Trap Nests, including the whole front, 50c each; dozen \$5.00; 3 section, \$14.00.



Air-Lock Fountain.

APACO POULTRY FEEDER.

An automatic feeder of the hanging type. Designed for the small breeder. Capacity 12 qts. Price, \$1.50.

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THIS ORDER SHEET IS FOR YOUR CONVENIENCE AND WE WILL GLADLY SEND MORE, BUT YOU DO NOT HAVE TO USE IT. AN ORDER ON YOUR OWN STATIONERY WILL SUIT US JUST AS WELL.

SEEDS FOR NAMES

Send us names and full addresses of ten of your neighbors who have gardens and we will give you free, if requested with an order for other seeds, either of the collections described below. State which collection you prefer.

Collection No. 1

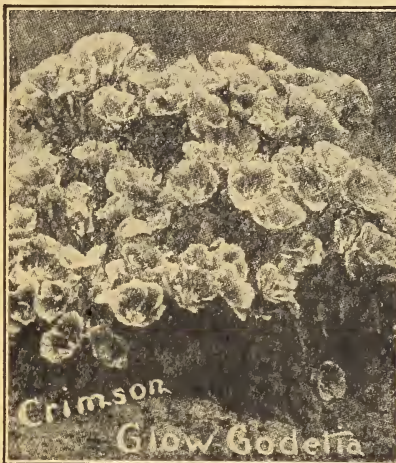
Free for good names.

One packet of each.

Oak Leaved Lettuce. Light green leaves shaped like those of the oak. Crisp, tender and delicious. Stands a long time before going to seed.

Ground Cherry. The only satisfactory annual fruit for canning and home use. The small yellow fruits are very sweet and fine for eating out of hand or for cooking.

Turnip-rooted Parsley. Grown for the sweet, tender roots which are cooked like parsnips. Flavor is mild but rich and distinctive.



Collection No. 2

Free for good names.

One packet of each.

Sweet Sultan. The sweet-scented flowers are borne on long stems and when cut will last for several days in good condition. Mixed shades of white, rose, and lilac.

Butterfly Flower. Pyramids of dainty and charming bloom in a bewildering range of colors. Sometimes called "The Poor Man's Orchid."

Godetia. Attractive flowers with glistening satiny petals. They bloom freely and seem to do best on a rather poor soil. Mixed colors.

NAME	POST-OFFICE	STATE
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Name _____

Address _____

If any of the above grow vegetables to sell kindly put an X in front of their names.

NOTE: Above collection offer is good only when accompanied by an order.
The special offers on the other side are worth notice.

The special offers on the other side are worth notice.

OLDS' GLADIOLI

Easy to grow—Sure to Bloom.



The Gladiolus has been developed into a magnificent plant bearing a wealth of exquisitely tinted flowers and excelling even the fairest orchids in delicate beauty. If cut when the first blooms are just showing color the buds will open, one after another, for ten days or more, until all are done. No other flower gives so much and costs so little. Spend your summer among our gladioli.

SPECIAL OFFER

For \$2.00 we will mail, postage prepaid, twelve each of the four following sorts or **48 bulbs in all**. These are our best blooming size bulbs, the kind that please. Our stock of these varieties will not last long. Send in your order now.

Snowy White. Large, well-shaped flowers borne on long graceful spikes. Most of the blooms will show markings and pencilings of lavender or blue.

Glowing Scarlet. A striking shade of brilliant scarlet, especially effective in contrast with the lighter colors. Used widely for decorative purposes.

Rich Yellow. A most desirable shade. Immense spikes of bloom and abundant dark green foliage. The petals are of good substance and heavy texture.

Delicate Pink. Strong and healthy plants of growth and flowering surpassed by few. No color in Gladioli is more admired than the pink, and none is more beautiful. The charming tints of the opening buds are especially attractive.

FALL BULBS AND PLANTS

Under this heading come the various bulbs and plants that are best planted in the fall for early spring blooming. Such are Tulips, Hyacinths, Narcissi, Crocuses and Freesias together with Peonies and many other hardy plants. We offer a choice assortment of separate colors and varieties together with several well-balanced mixtures in our fall catalog which is issued about Sept. 1st. This catalog is mailed upon request to all who are interested. If you wish a copy, write "Yes" upon the dotted line below.

Shall we send you our fall catalog?.....

Special Offer of Fall Bulbs suitable for growing in water for winter forcing. Send us one dollar and we will mail you, postage prepaid, the following collection of winter-flowering bulbs just as soon as the new crop is in (soon after Sept. 1st). Full directions for growing included:

- 3 Emperor Yellow Narcissi.
- 2 Chinese Sacred Lilies.
- 6 Fragrant Paper Whites.
- 1 Clear Pink Hyacinth.
- 1 Light Blue Hyacinth.
- 1 Bright Red Hyacinth.

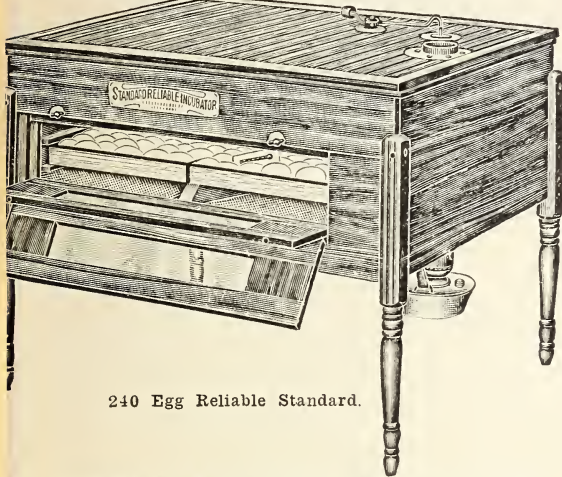
GOOD NAMES WANTED—See other side.

RELIABLE INCUBATORS AND BROODERS.

(Ask for complete Reliable Catalog.)

STANDARD RELIABLE INCUBATORS.

The Reliable has been on the market for 40 years and is the favorite with hosts of poultrymen. It has won over a thousand Highest Awards at International Expositions, State Fairs, etc. All things considered we think it is the best, most substantial and easiest operated incubator made. It is sold on a strong guarantee and is exactly what its name signifies, thoroughly reliable. Made in both Hot Air and Hot Water styles.

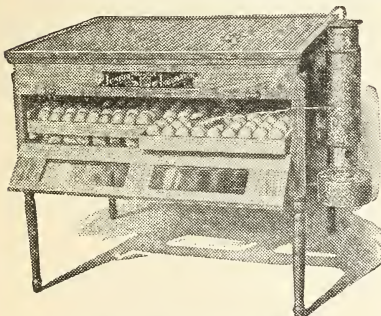


240 Egg Reliable Standard.

PRICES OF STANDARD INCUBATORS FOR 1922.

No. 49—100 Egg, Hot Air Standard.....	\$22.50
No. 50—100 Egg, Hot Water Standard.....	28.00
No. 51—140 Egg, Hot Air Standard.....	31.00
No. 52—140 Egg, Hot Water Standard.....	37.00
No. 53—240 Egg, Hot Air Standard.....	43.00
No. 54—240 Egg, Hot Water Standard.....	51.50
No. 55—350 Egg, Hot Air Standard.....	51.00
No. 56—350 Egg, Hot Water Standard.....	63.00

JUNIOR RELIABLE INCUBATORS.

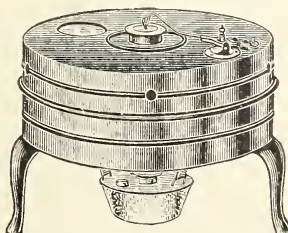


Reliable Junior Incubator.

No. 81—70 Egg, Hot Air Junior.....	\$15.50
No. 82—70 Egg, Hot Water Junior.....	17.00
No. 83—125 Egg, Hot Air Junior.....	23.50
No. 84—125 Egg, Hot Water Junior.....	28.00

BABY GRAND.

A RELIABLE incubator at a low price. Everyone can hatch chickens now. Substantially made, all of metal, beautiful in appearance and the most reliable and easiest operated of all small incubators. Just the thing for the small fancier. Price, 50 Egg Capacity, only \$7.50.



RELIABLE BLUE FLAME HOVERS.

The Blue Flame Oil Heated Colony Hover burns oil instead of coal. You can always get coal oil or kerosene, but it is often hard to get hard coal. The BLUE FLAME is easy to operate, economical, convenient and safe. No wick to trim, no smoke or gas, plenty of heat. It keeps the chicks comfortable, happy and healthy and is guaranteed to give satisfaction.



PRICES BLUE FLAME COLONY HOVERS-

No. 00—Hover, 22 inch size, 100 chicks.....	\$10.00
No. 0—Hover, 30 inch size, 250 chicks.....	17.50
No. 1—Hover, 42 inch size, 500 chicks.....	18.50
No. 2—Hover, 52 inch size, 1000 chicks.....	21.50

Extra Lighting Rings for Blue Flame Hovers, \$1.75 per dozen.

Extra Thermometers (Incubator), \$1.10 each.

Extra Thermometers (Brooder), 80c each.

RELIABLE COAL BURNING BROODERS.



Will burn coal or coke and can be used in any kind of building or room in any kind of weather. Has all the latest improvements including Automatic Regulator, which insures a steady heat and saves fuel. The Reliable is fully guaranteed and is, we think, the best coal burning brooder on the market.

No. 9—With 42 inch hover, 500 chicks, \$21.50.

No. 10—With 52 inch hover, 1000 chicks, \$26.50.

Reliable Coal Burning Brooder.

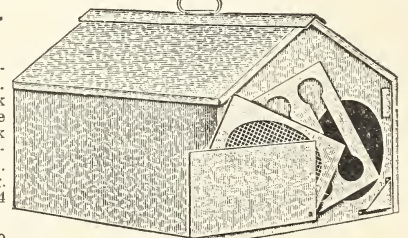
NON-FREEZABLE FOUNTAIN AND HEATER.

No freezing in mid-winter. Keeps poultry house warm. 4-gal. size, \$5.50; 8-gal. size, \$6.50.

ALL METAL BROOD COOP.

Made of galvanized steel. Shipped knock down to save freight. Is lock seamed and easily put together. 24 inches long, 18 wide, 14 high.

Price, ..\$3.00



BEET

IMPROVED BLOOD
TURNIP
BEET

PEAS

BEET

BEANS

BEANS

PEAS

CABBAGE

CUCUMBER

OLDS'

DOLLAR COLLECTION

30 Pkts. Wisconsin Standards

Worth \$2.25 for \$1.00

Best adapted to the home garden, also desirable for the market gardener. "OLDS' WISCONSIN STANDARDS" are not untried novelties — we know from personal experience that each is among the best of its class.

BEET, Olds' Improved Blood Turnip (41)	.....	\$0.05
BEET, Crosby's Egyptian (51)	.....	.05
BEANS, Stringless Green Pod (15)	.....	.10
BEANS, Olds' Pencil Pod Wax (24)	.....	.10
PEAS, Olds' Best Extra Early (320½)	.....	.10
PEAS, English Wonder (333)	.....	.10
CABBAGE, Olds' Early Jersey Wakefield (70)	.....	.10
CARROT, Oxheart (103)	.....	.05
CUCUMBER, Early Fortune (160½)	.....	.10
CUCUMBER, Olds' Select White Spine (164)	.....	.10
WATERMELON, Tom Watson (271½)	.....	.05
TOMATO, Spark's Earliana (425)	.....	.10
SWEET CORN, Golden Bantam (142)	.....	.10
SWEET CORN, Olds' Early Evergreen (145)	.....	.10
LETTUCE, Olds' Earliest Forcing (215)	.....	.10
LETTUCE, Early Prize Head (220)	.....	.05
ONION, Olds' Yellow Globe Danvers (285)	.....	.05
ONION, Extra Large Red Wethersfield (287)	.....	.05
ONION, Southport White Globe (292)	.....	.10
RADISH, Best White Icicle (385)	.....	.05
TURNIP, Purple Top, White Globe (465)	.....	.05
MUSKMELON, Olds' Select Osage (439)	.....	.05
PARSEY, Fine Double Curled (305)	.....	.05
PARSNIP, Olds' Improved Guernsey (310)	.....	.05
PEPPER, Olds' Ruby King (350)	.....	.10
PUMPKIN, Olds' Quaker Pie (361)	.....	.10
SPINACH, Bloomsdale (402)	.....	.05
RADISH, Improved French Breakfast (373)	.....	.05
RADISH, Olds' Crimson Giant (376)	.....	.05
SQUASH, Olds' True Hubbard (411)	.....	.10

\$2.25

CARROT

LETTUCE

CORN

ONION

CORN

TOMATO

LETTUCE

ONION

ONION

RADISH

TURNIP

MUSKMELON

PARSLEY

PARSNIP

RADISH

SQUASH

CUCUMBER

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